



WESTERN NEVADA COLLEGE



Academic Program Guide



Fall 2016 - Summer 2017

Start Here - Go Anywhere

MAKE YOUR CAREER A REALITY

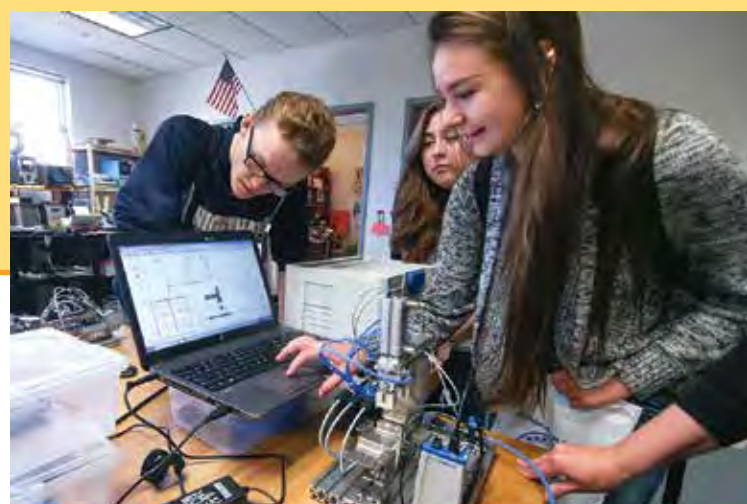
Tip

CHECKLIST FOR SUCCESS...

- APPLY FOR ADMISSION
- TAKE PLACEMENT TESTS
- ATTEND AN ORIENTATION
- MEET WITH A COUNSELOR
- APPLY FOR FINANCIAL AID
- REGISTER FOR CLASSES
- PAY BY THE DEADLINE

Western Nevada College offers academic degrees and programs to meet a variety of educational goals. You may wish to learn technical skills or work toward a career, or you may be preparing for transfer to a four-year college or university. A number of one-year certificates are also offered in technical areas. Inside you will find specific information about each degree or certificate.

WNC is here to help you make important decisions about your future, and to prepare for success!



Student Services - HELP YOU ACHIEVE YOUR GOALS

Counseling

Counselors are available weekdays and some evenings at campus locations to help students plan their academic schedules and ensure understanding of major/graduation requirements and transfer guidelines. Counselors can also assist students with career exploration, interest testing and job search techniques, and provide current information about labor markets and educational training requirements.

Information . . . 445-3267

www.wnc.edu/counseling/



TESTING - Every student planning to register for English or math courses must either take placement tests, submit ACT/SAT scores (no more than two years old), or provide a transcript showing completion of prerequisite courses. Testing assesses a student's current skills in reading, writing and math, and helps students select the appropriate courses.

TRANSFER CENTER/CAREER CENTER - The center provides a variety of services designed to assist transfer from WNC to another college or university as well as provide information on career descriptions, job outlook, work settings and preparation necessary to enter specific career fields.

www.wnc.edu/counseling/transfer-information/

Disability Support Services (DSS)

Support services for WNC students with disabilities are provided through Counseling Services on the Carson City campus. For effective and timely services, students should submit their requests for assistance at least four weeks in advance.

CAREER CONNECT - Students with disabilities who are attending at least one WNC class at any campus/center or web-based class, and have an open case with DETR-VR can apply for assistance and will be referred to Career Connect. Staff will work closely with a DETR-VR Counselor throughout the referral, eligibility, planning, and follow-up processes to ensure coordinated service provision will lead to successful employment outcomes.

Disability Services/Career Connect

Carson City campus, Cedar Bldg., Rm. 212

445-4459 • TTY: 445-4489 • susan.trist@wnc.edu

445-3248 • skylar.depedro@wnc.edu

Financial Assistance

All students are eligible for some type of financial assistance which includes grants, scholarships, loans and part-time employment to assist them in meeting educational expenses. Deadlines are posted on the application.

Information . . . 445-3264

www.wnc.edu/financial/

VETERANS SERVICES - The college maintains a Veterans Resource Center on the Carson City & Fallon campuses. Information concerning veterans services is also available through Counseling Services, Financial Assistance or WNC's outlying campuses. Those who are eligible for veterans benefits include: honorably discharged veterans, children of 100 percent service-connected disabled veterans, and the widowers and children of veterans who died in service or from service-connected disabilities.

Information . . . 445-3263

www.wnc.edu/financial/veterans-education-benefits/

Veterans Resource Center . . . 445-3302

www.wnc.edu/veterans/

INFORMATION

775-445-3000 • www.wnc.edu

CAREER DEGREES

OCCUPATIONAL PROGRAMS & EMPHASES

WNC offers two-year career preparation programs in many areas. Students learn technical skills that lead to jobs and earn a two-year Associate of Applied Science degree. Choose from many career areas.

A four-year Bachelor of Applied Science degree in Construction Management is also available to help students climb a career ladder from learning basic construction skills, to becoming a construction manager.

Bachelor of Applied Science Degree

- Construction Management

Associate of Applied Science Degree

- Business - Accounting
- Business - General
- Business - Management
- Criminal Justice - General
- Deaf Studies
- Graphic Communications
- Nursing
- Technology - Automated Systems
- Technology - Automotive Mechanics
- Technology - Computer Information Technology
- Technology - Construction
- Technology - General Industrial
- Technology - Machine Tool
- Technology - Welding



CAREERS

APPLIED DEGREES

SKILL DEVELOPMENT

Associate of General Studies Degree

This general degree fits a wide variety of needs. See a counselor for details.

Certificate of Achievement

One-year academic programs that provide specific career skills.

- American Sign Language
- Automotive Mechanics
- Bookkeeping
- Business
- Computer Technology,
Network Support Technician
- Computer Technology,
System Administration Technician
- Criminal Justice - General
- Early Childhood Education
- General Industrial Technology
- Graphic Communications
- Industrial Electronics Technology
- Machine Tool Technology
- Welding Technology

Workforce Certifications

- Automotive Service Excellence
- Bookkeeping
- Business
- Certified Inspector of Structures
- Certified Nursing Assistant
- Cisco Certified Networking Associate
- CompTIA Security+
- Construction Craft Laborer
- Deaf Studies - Interpreting
- Emergency Medical Services
- Industrial Electronics Technician
- Machine Tool Technology
- Manufacturing Technician
- Mechatronics System Assistant
- Microsoft Certified Technology Specialist
- Microsoft Certified IT Specialist
- Phlebotomy/Venipuncture
- Ramsdell Construction Academy
- Real Estate
- Teacher Education
- Welding Certification

Tip

SUCCEED WITH ONLINE CLASSES ...

Are you ready for an online class? Online and hybrid classes are delivered using the internet. These courses are not faster or easier than in-person classes, nor are they self-paced. Answer these questions truthfully...

- Are you self-motivated?
- Is your reading comprehension good?
- Do you have strong computer skills?
- Do you feel OK about missing the social elements
In the classroom?
- Do you own a computer?
- Do you have high speed internet service?

CAREERS

CERTIFICATIONS

TRANSFER DEGREES

TRANSFER PROGRAMS & EMPHASES

WNC attracts a large number of students who plan to earn a baccalaureate degree from a four-year college or university. They choose to begin their college education at WNC for many reasons, including lower tuition cost, smaller class sizes, flexible class times, and a personalized learning environment.

Associate of Arts • Associate of Business • Associate of Science

These degrees are primarily for the student who plans to transfer from WNC to a four-year college or university to pursue a baccalaureate degree in business, humanities, liberal arts, math sciences or related areas. These programs of study can provide the first one or two years of a four-year degree.

WNC enables you to prepare for these areas of study

ASSOCIATE OF ARTS DEGREE

- Agriculture Science
- Anthropology
- Art
- Art History
- Communication Studies
- Community Health Sciences
- Criminal Justice
- Criminal Justice (PreLaw)
- Economics
- English
- Environmental Science
- Forest Management & Ecology
- French
- General Studies
- Geography
- History
- Human Development & Family Studies
- Integrated Elementary Teaching
- International Affairs
- Journalism
- Music
- Music Education
- Music: Applied
- Nursing
- Philosophy
- Philosophy (Ethics, Law & Politics)
- Political Science
- Psychology
- Rangeland Ecology & Management
- Secondary Education
- Social Work
- Sociology
- Spanish
- Speech Pathology
- Theatre
- Veterinary Science
- Women's Studies

**Teacher Education Bachelor Degree Partnership
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ASSOCIATE OF SCIENCE DEGREE

- Atmospheric Science
- Biochemistry & Molecular Biology
- Biology
- Chemical Engineering
- Chemistry
- Civil Engineering
- Computer Science & Engineering
- Ecohydrology
- Electrical Engineering
- Engineering Physics
- Environmental Engineering
- Environmental Science
- Geological Engineering
- Geology
- Geophysics
- Hydrogeology
- Materials Science & Engineering
- Mathematics
- Mechanical Engineering
- Metallurgical Engineering
- Mining Engineering
- Molecular Biology/Immunology
- Neuroscience
- Nutrition
- Physics
- Wildlife Ecology & Conservation

ASSOCIATE OF BUSINESS DEGREE

- Accounting
- Accounting Information Systems
- Finance
- General Business
- Information Systems
- International Business
- Management
- Marketing

Tip

LEARN HOW COURSES TRANSFER...

Students who plan to transfer should work closely with a WNC counselor and keep in contact with their intended transfer institution: wnc.edu/counseling/transfer-information

CAREERS MAJORS

Find What You Need

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COLLEGE MISSION

Western Nevada College inspires success in our community through opportunities that cultivate creativity, intellectual growth and technological excellence, in an environment that nurtures individual potential and respects differences.

COLLEGE GOALS

1. Student Success

- WNC students graduate with a degree or certificate
- WNC students engage in the college experience

2. Institutional Excellence

- WNC is the educational institution of choice in western Nevada
- All academic programming is of the highest quality
- All support programs and services meet the needs of the WNC community
- WNC has an exemplary system of governance and management
- WNC strives for institutional sustainability

3. One College Serving Many Communities

- WNC promotes access to higher education in western Nevada
- WNC serves as a catalyst for personal and community enrichment
- WNC promotes community connections

NON-DISCRIMINATION STATEMENT

WNC is guided by the principle that there shall be no difference in the treatment of persons because of race, religion, color, age, gender, including a pregnancy-related condition, sexual-orientation, military status or military obligations, disability, including veterans with service-connected disabilities, or national origin, and that equal opportunity and access to facilities shall be available to all. Similarly, there shall be no difference in the treatment of persons who file charges of discrimination, participate in a discrimination proceeding, or otherwise oppose discrimination. It is our policy to comply fully with the non-discrimination provision of all state and federal regulations with regard to recruitment, admission, financial aid, activities, hiring, promotions, training, terminations, benefits and compensation.

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STUDENT LEARNING OUTCOMES

INSTITUTIONAL STUDENT LEARNING OUTCOMES

Student learning is the core of WNC's mission and the college celebrates this importance with institution-wide learning outcomes. The Institutional Student Learning Outcomes guide all courses, programs, and degrees offered by WNC.

Students completing degrees at WNC need to demonstrate a combination of intellectual skills, personal and social responsibility, and the ability to integrate knowledge and skills to understand and solve contemporary and enduring problems.

Upon completing a degree at WNC, students must demonstrate:

1. **Working Knowledge** - Identify, describe, and apply information, theories, methodologies and approaches from the sciences, social sciences, and humanities/arts.
2. **Written Communication** - Write effective projects, papers, and reports.
3. **Quantitative Reasoning** - Present accurate calculations and symbolic operations, and explain how such calculations and operations are used in either the specific field of study or in interpreting information in other fields.
4. **Information Competency** - Locate, evaluate, and appropriately use information from multiple resources to complete projects, activities, and papers.
5. **Diversity & Society** - Describe diverse historical and/or contemporary positions on selected democratic values or practices.
6. **Critical Thinking** - Integrate knowledge and skills from the study of sciences, mathematics, social sciences, and the humanities/arts to think critically about and develop solutions to contemporary and/or enduring problems.
7. **Career Preparation** - Identify, describe, and apply information in the discipline or career area of their choice sufficient for further study and/or demonstrate competencies required to succeed in the workplace.

GENERAL EDUCATION STUDENT LEARNING OUTCOMES

General education provides the opportunity to further many of the institutional student learning outcomes by providing specific objectives that students are expected to demonstrate upon the completion of degrees.

The mission of general education at WNC is to provide students who complete degrees and certificates with critical life skills that will benefit them in their personal and professional endeavors.

1. Demonstrate working knowledge of key concepts, principles, themes, and major content areas needed to explain and solve discipline-specific problems.
2. Present substantially error-free prose suitable in style and content to the purpose of the document and the audience.
3. Present accurate calculations and symbolic operations, and explain how such calculations and operations are used in either the specific field of study or in interpreting information in other fields.
4. Locate, evaluate, and appropriately use information from multiple resources to complete projects, activities, and papers.
5. Describe diverse historical and/or contemporary positions on selected democratic values or practices.
6. Use critical thinking and appropriate problem solving methods to address significant or enduring problems.



TRANSFER DEGREES

Associate of Arts • Associate of Business • Associate of Science

WNC students may select a course of study that enables them to complete some or all of the lower division requirements for a four-year degree from the list of transfer programs at the University of Nevada, Reno, University of Nevada, Las Vegas, Nevada State College or other schools. Recent surveys of WNC students show they have transferred to colleges throughout the country including: UNR; UNLV; Nevada State College; Southern Utah University; University of New Mexico; Arizona State University; California State University, Sacramento; University of California at Berkeley; University of Kentucky; University of Southern California; Truckee Meadows Community College; University of Phoenix; Cosumnes River College-Los Rios; Lake Tahoe Community College; Great Basin College, Salt Lake Community College, and many more.

NEW BUSINESS DEGREE *Offers Direct Track for Transfer*

Western Nevada College students can be all business when they start the 2016 fall semester. WNC will offer an Associate of Business degree, meaning students can use the two-year degree to transfer to a four-year university.

"WNC is pleased to offer this new track for our Business students," said Robert Wynegar, Academic and Student Affairs Vice President. "The impetus for this track came from our Business Advisory Committee; completing the steps required to offer the Associate of Business degree demonstrates our continued commitment to serving regional Business needs and supporting our students. For Business students pursuing a four-year degree, this track will offer a smoother transition to the university level."

In the past, students could earn an Associate of Applied Science degree in Business with an emphasis in accounting, general business and management.

"It is ideal for those students who wish to enter the workforce immediately," said WNC Professor of Accounting Richard Kloes. "Adding an Associate of Business transfer degree to our curriculum it will give students two different degree options in the field of business: one for immediate employment and one for those students who wish to transfer to a four-year institution."

Kloes said students who complete the AB degree can continue their education in business with a junior standing at a four-year college.

Every year, large numbers of WNC students successfully transfer to other schools. Each school has its own specific requirements and recommended electives for its various degrees. Community college students who plan to transfer to the University of Nevada, Reno, University of Nevada, Las Vegas or Nevada State College and who did not complete the university entrance requirements in high school must complete a minimum of 24 transferable units with a minimum 2.5 grade point average. *Students who earn an Associate of Arts, Associate of Business or Associate of Science degree will be admitted to an NSHE university or state college regardless of their grade point average.*



(L-r) Kasey Armstrong and WNC Business Professor Dr. Robert Whitcomb talk during a business networking event.

"Unlike the AA and AS degrees, which are more general in nature, this degree is specifically designed with the business student in mind," Kloes said.

Whether they transfer with their AB degree or enter the workforce, students can expect a better chance of employment upon graduation.

Kloes said, "The great thing about this degree is that, as well as directly transferring to a four-year institution, it also tells a prospective employer that the student's main emphasis of study is in the business field and, after obtaining this degree they are interested in immediate employment."

INFORMATION: richard.kloes@wnc.edu.

"Students graduating with business degrees are some of the most sought-after graduates today." - Kloes

Associate of Arts

A TRANSFER DEGREE

The Associate of Arts degree is primarily for students planning to transfer with junior standing to a four-year college or university for a baccalaureate degree. It can be used to transfer into a wide variety of majors depending on the courses selected. Satisfactory completion of an AA degree guarantees completion of the lower division general education requirements at University of Nevada Reno, University of Nevada Las Vegas or Nevada State College.

Courses with a number under 100 (such as ENG 95) are not applicable toward the Associate of Arts degree. All courses to be

counted toward this degree must be university transferable.

Courses that are not transferable to an NSHE institution do not apply towards an Associate of Arts degree and are indicated with a nontransferable course attribute in the myWNC course catalog.

A maximum of six units of special topics classes in one subject area may apply toward any WNC degree.

Students intending to transfer to other schools should see a counselor or follow the catalog of the transfer school.

ASSOCIATE OF ARTS DEGREE REQUIREMENTS

Mission: The mission of the Associate of Arts degree program is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

Student Learning Outcomes: The successful student will:

- Meet the general education student learning outcomes.
- Succeed at transfer institution.

PROGRAM REQUIREMENTS

The Associate of Arts degree is designed so students may tailor it to meet degree requirements for a variety of majors at transfer institutions.

TRANSFER REQUIREMENTS OR GENERAL ELECTIVES - 25–30 units.

Students should utilize this area to take courses that meet requirements for their major at their intended transfer school. Those who have not yet selected a major may choose from among any university transferable courses to explore their options. Students planning to transfer to the University of Nevada, Reno should obtain a transfer handout from WNC Counseling Services or the UNR Transfer Center.

GENERAL EDUCATION REQUIREMENTS

A minimum of 60 units chosen from the following:

ENGLISH/COMMUNICATIONS REQUIREMENT - 6–8 units.

English: 100 or 101, 102

FINE ARTS REQUIREMENT - 3 units.

Art: 100, 101*, 160, 260, 261

Dance: 101

Humanities: 101

Music: 121, 124, 125

Music: Ensemble: 101*

Theatre: 100, 105*, 180

* Course may not meet the fine arts requirement at all universities. Please see a counselor.

HUMANITIES REQUIREMENT - 6 units.

Core Humanities: 201, 202

English: 200, 223, 266, 267, 271

History: 105, 106, 247

Philosophy: 101, 135, 200, 203, 204, 207, 210

UNR transfer students, choose at least one of the following courses.

Core Humanities 201, 202

History 105, 106

Philosophy 200, 207

MATHEMATICS REQUIREMENT - 3 units.

Mathematics: 120, 126, 127, 128, 176, 181, 182

Statistics: 152

SCIENCE REQUIREMENT - 6 units.

One lab science course recommended.

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology: 100, 113, 190 & 190L, 191 & 191L, 200

Chemistry: 100, 121, 122

Environmental Studies: 100, 101

Geography: 103, 104

Geology: 100, 101, 102, 103, 105, 127, 201

Nutrition: 121

Physics: 100, 151, 152, 180 & 180L, 181 & 181L, 182 & 182L

Note: Completion of CHEM 121, BIOL 223 and BIOL 224, and BIOL 251 fulfills the science general education requirement.

SOCIAL SCIENCES REQUIREMENT - 3 units.

Choose from the following list.

Anthropology: 101, 201, 202, 212, 215

Core Humanities: 203

Criminal Justice: 101, 102

Economics: 100, 102, 103

Geography: 106, 200

History: 101, 102, 111, 217

Political Science: 103, 208, 231,

Psychology: 101, 102, 233, 234, 240, 261

Sociology: 101, 205, 261, 275

U.S. & NEVADA CONSTITUTION REQUIREMENT - 3 or 6 units.

Must meet both requirements. Choose from:

Core Humanities: 203

History: 111

History: 101 & 102

History: 101 & 217

Political Science: 103

History and Political Science Combination (History 101 and Political Science 208)



Associate of Business

A TRANSFER DEGREE

The Associate of Business degree allows early choices for those planning a professional life in business, management, accounting, marketing or a related field. The Associate of Business degree is designed for students who intend to transfer with junior status to a four-year college or university. Satisfactory completion of an AB degree guarantees completion of the lower division general education requirements at UNR, UNLV or NSC.

Courses with a number under 100 (such as ENG 95) are not

applicable toward this degree. All courses counted toward this degree must be university transferable. Courses that are not transferable to an NSHE institution do not apply towards an Associate of Business degree and are indicated with a non-transferable course attribute in the myWNC course catalog. A maximum of six units of special topics classes in one subject area may apply toward any WNC degree. *Note: See a counselor for the most current information about transferring to any other institution.*

ASSOCIATE OF BUSINESS DEGREE REQUIREMENTS

Mission: The purpose of the Associate of Business degree is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

Student Learning Outcomes: Students who complete an Associate of Business degree at WNC are expected to demonstrate that they:

- Evaluate the impacts of economic systems and policies
- Summarize, record, analyze, interpret and communicate accounting and financial information for decision making
- Devise, implement and evaluate marketing (management) decisions, actions and outcomes
- Describe the changing landscape of the global market and its impact on the United States
- Summarize the impact of social, ethical, legal and diversity issues within contemporary business

PROGRAM REQUIREMENTS

Accounting: 201, 202

Economics: 102, 103, 261, 262

Information Systems: 101

Marketing: 210

Mathematics: 176

NOTE: If student does not meet the prerequisite for MATH 176, MATH 126 may be used as a degree elective and should be taken in the first semester.

TRANSFER REQUIREMENT OR GENERAL ELECTIVES - 9 units.

Students should take courses that meet requirements for their major at their intended transfer school. Students planning to transfer to the University of Nevada, Reno should obtain a transfer handout from WNC Counseling Services or the UNR Transfer Center.

Recommended: BUS101

For UNR transfer, COM 101 or 113 and 2 courses from Anthropology 101, Political Science 231, Psychology 101, Sociology 101 are recommended.

GENERAL EDUCATION REQUIREMENTS

A minimum of 24 units chosen from the following:

ENGLISH/COMMUNICATIONS REQUIREMENT - 6 units.

English: 101, 102

FINE ARTS REQUIREMENT - 3 units.

Art: 100, 101*, 160, 260, 261

Dance: 101

Humanities: 101

Music: 121, 124, 125

Music: Ensemble: 101*

Theatre: 100, 105*, 180

** Course may not meet the fine arts requirement at all universities. Please see a counselor.*

HUMANITIES REQUIREMENT - 6 units.

Core Humanities: 201, 202

English: 200, 223, 266, 267, 271

History: 105, 106, 247

Philosophy: 101, 135, 200, 203, 204, 207, 210

UNR transfer students, choose at least one of the following courses.

Core Humanities 201, 202

History 105, 106

Philosophy 200, 207

MATHEMATICS REQUIREMENT - See Program Requirements

SCIENCE REQUIREMENT - 6 units.

One lab science course recommended.

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology: 100, 113, 190 & 190L, 191 & 191L, 200

Chemistry: 100, 121, 122

Environmental Studies: 100, 101

Geography: 103, 104

Geology: 100, 101, 102, 103, 105, 127, 201

Nutrition: 121

Physics: 100, 151, 152, 180 & 180L, 181 & 181L, 182 & 182L

Note: Completion of CHEM 121, BIOL 223 and BIOL 224, and BIOL 251 fulfills the science general education requirement.

SOCIAL SCIENCES REQUIREMENT - See Program Requirements

U.S. & NEVADA CONSTITUTION REQUIREMENT - 3 units.

Must meet both requirements. Choose from:

Core Humanities: 203

History: 111

Political Science: 103

Associate of Business - Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ENG 101	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	ECON 261	3 <input type="checkbox"/>
MATH 176	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
Fine Arts Course	3 <input type="checkbox"/>	Humanities Course	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ENG 102	3 <input type="checkbox"/>	ACC 202	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	ECON 262	3 <input type="checkbox"/>
IS 101	3 <input type="checkbox"/>	Humanities Course	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	General Elective	6 <input type="checkbox"/>
US/Nev. Constitution	3 <input type="checkbox"/>		



Associate of Science

A TRANSFER DEGREE

The Associate of Science degree allows early choices for those planning a professional life in mathematics, science, engineering, medicine or agriculture, and is primarily for the student who plans to transfer with junior standing to a four-year college or university for a baccalaureate degree. Satisfactory completion of an AS degree guarantees completion of the lower division general education requirements at UNR, UNLV or NSC.

Courses with a number under 100 (such as ENG 95) are not applicable toward this degree. All courses counted toward this de-

gree must be university transferable. Courses that are not transferable to an NSHE institution do not apply towards an Associate of Science degree and are indicated with a non-transferable course attribute in the myWNC course catalog. A maximum of six units of special topics classes in one subject area may apply toward any WNC degree. *Note: See a counselor for the most current information about transferring to any other institution.*

ASSOCIATE OF SCIENCE DEGREE REQUIREMENTS

Mission: The mission of the Associate of Science Degree Program is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

Student Learning Outcomes: The successful student will:

- Meet the general education student learning outcomes.
- Demonstrate the ability to identify the fundamental tenets of scientific inquiry.
- Present accurate calculations and symbolic operations, and explain how such calculations and operations are used in the sciences, mathematics, or engineering.
- Use critical thinking and creativity to select and apply recognized experimental or observational techniques suitable for examining contemporary or enduring problems in the sciences.
- Succeed at transfer institution.

PROGRAM REQUIREMENTS

A minimum of 18 units chosen from the following:

MATHEMATICS REQUIREMENT - 6 units.

Math 181 or higher required.

Mathematics: 126, 127, 128, 176, 181, 182, 283, 285, 330

Statistics: 152

SCIENCE REQUIREMENT - 12 units.

Choose a minimum of 8 units from Group A.

Group A:

Anthropology: 102 & 110L

Biology: 190 & 190L,

191 & 191L, 251

Chemistry: 121, 122

Geology: 101, 102, 103

Geography: 103 & 104, or 121

Physics: 151, 152, 180 & 180L,

181 & 181L, 182 & 182L

Group B:

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology: 200, 223, 224

Chemistry: 220

Computer Engineering: 201

Computer Science: 135, 202

Engineering Science: 100

Geology: 105, 201

Mechanical Engineering: 241, 242

Note: Completion of the Associate of Science program requirements, fulfills the respective mathematics and science general education requirements.

TRANSFER REQUIREMENT AND ELECTIVES - 16-21 units.

Students should utilize this area to take courses that meet requirements for their major at their intended transfer school. Those who have not yet selected a major may choose from among any university transferable courses to explore their options. Students planning to transfer to the University of Nevada, Reno should obtain a transfer handout from WNC Counseling Services or the UNR Transfer Center.

GENERAL EDUCATION REQUIREMENTS

A minimum of 21-24 units chosen from the following:

ENGLISH/COMMUNICATIONS REQUIREMENT - 6-8 units.

English: 100 or 101, 102

FINE ARTS REQUIREMENT - 3 units.

Art: 100, 101*, 160, 260, 261

Dance: 101

Humanities: 101

Music: 121, 124, 125

Music: Ensemble: 101*

Theatre: 100, 105*, 180

** Course may not meet the Fine Arts requirement at all universities. Please see a counselor.*

HUMANITIES REQUIREMENT - 6 units.

Core Humanities: 201, 202

English: 200, 223, 266, 267, 271

History: 105, 106, 207, 247

Philosophy: 101, 135, 200, 203, 204, 207, 210

UNR transfer students, choose at least one of the following courses.

Core Humanities 201, 202

History 105, 106

Philosophy 200, 207

MATHEMATICS REQUIREMENT - See program requirements

SCIENCE REQUIREMENT - See program requirements

SOCIAL SCIENCES REQUIREMENT - 3 units.

Anthropology: 101, 201, 202, 212, 215

Core Humanities: 203

Criminal Justice: 101, 102

Economics: 100, 102, 103

Geography: 106, 200

History: 101, 102, 111, 217

Political Science: 103, 208, 231

Psychology: 101, 102, 233, 234, 240, 261

Sociology: 101, 205, 261, 275

U.S. & NEVADA CONSTITUTION REQUIREMENT - 3 or 6 units.

Must meet both requirements. Choose from:

Core Humanities: 203

History: 111*

History: 101* & 102*

History: 101* & 217*

Political Science: 103*

History & Political Science Combination (History 101*, and Political Science 208*)

** These courses will not fulfill UNR's CH 203 requirement if taken after the student has been admitted and enrolled at UNR.*



Associate of General Studies

A DEGREE TO MEET A VARIETY OF NEEDS

The Associate of General Studies degree has increasingly been utilized by students who intend to transfer to four-year colleges and universities. Although it was not designed for transfer, it can be used for this purpose if courses are selected carefully. The majority of the courses chosen should transfer to fulfill core and major requirements. It is recommended that anyone planning to attend the University of Nevada, Reno complete ENG 101 and 102, MATH 120 or a higher level math, and science/social science courses that fulfill UNR's core curriculum requirements.

A maximum of six units of special topics classes in one subject area may apply toward any WNC degree. In some cases, courses may not transfer to other Nevada community colleges and Nevada State College or to other colleges and universities. See a WNC counselor for the latest transfer information. Courses with a number under 100 (such as ENG 95) are not applicable toward an Associate of General Studies degree.

ASSOCIATE OF GENERAL STUDIES DEGREE REQUIREMENTS

Mission: The purpose of the Associate of General Studies degree is to provide academic knowledge and skills for personal growth, professional advancement, and/or successful transfer.

Student Learning Outcomes: Students who complete an Associate of General Studies degree at WNC are expected to demonstrate that they

- have met the general education student learning outcomes.
- know the subject matter appropriate to their fields of study.

REQUIREMENTS: A minimum of 60 total units chosen from the following categories:

ENGLISH/COMMUNICATIONS REQUIREMENT - 6 units.

Must include a three-credit writing course.

Business: 107, 108

Communication: 101, 102, 113

Criminal Justice: 103

English

Journalism: 201

Reading

Writing Course (Business 108, English 100, 101, 102, 107 or any other 200 level English class)

FINE ARTS AND HUMANITIES REQUIREMENT - 3 units.

American Sign Language

Art

Core Humanities: 201, 202

Crafts

Dance: 101

English: 190, 200, 223, 243, 250, 252, 267, 271, 282, 297

Foreign Languages

Graphic Communications

History: 105, 106, 207, 247

Humanities: 101

Music

Philosophy (except for PHIL 102, 114)

Theatre: 100, 105, 180

MATHEMATICS REQUIREMENT - 3 units.

Business: 109

Economics: 261, 262

Mathematics

Psychology: 210

Sociology: 210

Statistics: 152

SCIENCE REQUIREMENT - 3 units.

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology (except for BIOL 208, 223, 224, 251)

Chemistry (except for CHEM 220, 241, 241L, 242, 242L)

Environmental Studies

Geography: 103, 104

Geology: 105 (except for GEOL 111, 112, 113, 229)

Nutrition: 121

Physics (except for PHYS 293)

SOCIAL SCIENCES REQUIREMENT - 3 units.

Anthropology: 101, 201, 202, 210, 212, 215

Core Humanities: 203

Criminal Justice

Economics: 100, 102, 103

Geography: 106, 200

History: 101, 102, 111, 217, 295

Political Science

Psychology (except for PSY 210)

Sociology (except for SOC 210)

U.S. & NEVADA CONSTITUTION REQUIREMENTS - 3 or 6 units.

Must meet both requirements. Choose from:

Core Humanities: 203

History: 111

History: 101 & 102

History: 101 & 217

Political Science: 103

History and Political Science Combination (History 101 and Political Science 208)

GENERAL ELECTIVES - 36 or 39 units.

Students may choose from any occupational or general education courses to be used as electives for this degree. Some non-traditional credit approved by Admissions and Records may be applicable to satisfy course requirements for occupational degrees, while other such units may be used as electives for the AGS and AAS degrees only. Students planning to transfer to the University of Nevada, Reno should use the UNR core curriculum guide to satisfy general education requirements.



Bachelor of Applied Science

APPLIED BACCALAUREATE DEGREE IN CONSTRUCTION MANAGEMENT

The Bachelor of Applied Science degree in Construction Management offers associate degree students, new students and skilled workers an educational route toward a career as a construction manager or supervisor. The 120-credit program combines knowledge in construction methods, planning and project management with business and supervisory skills. This program allows those

who have completed an associate degree in construction technology to progress academically and earn a bachelor's degree. It also allows those already working in the construction field to enroll in an applicable baccalaureate degree program and expand career advancement possibilities. Students must meet with a counselor and be admitted into the program.

Bachelor of Applied Science in Construction Management Admission Requirements

1. Complete a minimum of 45 college units or equivalent with a minimum 2.0 GPA.
Within the 45 units:
 - a. A minimum of 12 units must be in applicable construction courses. This requirement may be waived if the student has construction experience.
 - b. A minimum of 15 units must be in applicable general education classes, including English 101, with a grade of C or better - a grade of C- or lower will not be acceptable.OR:
Have an associate degree in Construction Management from a regionally accredited institution.
2. Meet with a WNC counselor.

BACHELOR OF APPLIED SCIENCE IN CONSTRUCTION MANAGEMENT GENERAL EDUCATION COURSES

Capstone Course-9 units. Choose from:

Communication: 412
Construction Management: 456
Management: 462, 469

English/Communications Requirements-9 units. Choose from:

Business: 107
Communication: 101 or 102 or 113 or 213
English: 100 or 101
English: 102

Fine Arts Requirement-3 units. Choose from:

Art: 100, 101, 124, 160, 224, 260, 261
Dance: 101
Humanities: 101
Music, Ensemble: 101
Music: 111, 121, 124, 125, 134
Theatre: 100, 105, 180

Humanities Requirement-3 units. Choose from:

Core Humanities: 201, 202
English: 200, 223, 243, 250, 252, 261, 266, 267, 271, 275
History: 105, 106, 207, 247
Philosophy (except for PHIL 102, 114)

Mathematics and Science Requirements-12 units. Choose from:

a minimum of 4 units in mathematics and 6 units in science:

Mathematics

Mathematics: 126 & 127, 128 or higher
Statistics: 152

Science

Chemistry: 100, 121, 201
Environmental Studies: 100
Geology: 100, 101, 103
Physics: 100, 151, 180

Social Sciences Requirement-3 units.

Anthropology: 101, 201, 202, 205, 210, 212, 215
Core Humanities: 203
Criminal Justice: 101, 102, 220, 230, 270
Geography: 106, 200
History: 101, 102, 111, 217, 295
Political Science: 103, 105, 108, 208, 231, 295, 299
Psychology (except for PSY 210)
Sociology (except for SOC 210)

U.S. and Nevada Constitution Requirements-3 units. Choose from:

Core Humanities: 203
History: 111 or
History: 101 & 217, or
History: 101 & 102, or
Political Science: 103, or
History and Political Science Combination (History 101 and PSC 208)

General Electives - 6 units.

TIP: WNC also offers . . .

Associate of Applied Science - Technology - Construction • See page 17

Certification Preparation - Inspector of Structures • See page 38

- Construction Craft Laborer • See page 38

- Ramsdell Construction Academy • See page 38



CONSTRUCTION MANAGEMENT

Bachelor of Applied Science Degree

Salary: \$61,880 - \$101,600 / year (Nevada)

Career Outlook: Above Average growth; Changes in building technology and policies are increasing the demand for construction managers.

Good To Know: Approximately 57% of construction managers are self-employed. Those with a bachelor's degree will have the best job prospects.

WNC Academic Division: Career and Technical Education

Total Requirements: 120 units

Business and Management Core Requirements 12 Units

BUS 101	Introduction to Business	3
ACC 201	Financial Accounting	3

Choose 3 units from the following Economics courses:

ECON 100	Introduction to Economics	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3

Choose 3 units from the following Management courses:

MGT 323	Organizational Behavior & Interpersonal Behavior	3
MGT 367	Human Resource Management	3

Program Requirements 63 Units

CADD 100	Introduction to Computer Aided Drafting	3
CEM 100	Fundamentals of Construction Management	3
CEM 330	Soils and Foundations for Construction	3
CEM 350	Facility Systems Design and Construction I	3
CEM 432	Temporary Construction Structures	3
CEM 451	Construction Estimating	3
CEM 452	Construction Cost Control	3
CEM 453	Construction Scheduling	3
CEM 454	Heavy Construction Methods and Equipment	3
CEM 455	Construction Management Practice	3
CEM 485	Construction Law and Contracts	3
CONS 108	Construction Materials and Methods I	4
CONS 109	Construction Materials and Methods II	4
CONS 111	Commercial Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 120	Blue Print Reading and Specifications	3
CONS 121	Principles of Construction Estimating	3
CONS 205	Construction Site Safety	2
CONS 281	Construction Planning Scheduling And Control	3
CONS 451	Advanced Internship in Construction	3
SUR 119	Construction Surveying	3

General Education Requirements 45 Units

Capstone Courses	9
English/Communications Requirements	9
Fine Arts Requirement	3
Humanities Requirement	3
Mathematics, Science and Statistics Requirements	12
Social Sciences Requirement	3
U.S. and Nevada Constitution Requirements	3
General Electives	3

Recommended: AC198, CONS114, CONS116, CONS230, or DFT100

CONSTRUCTION MANAGEMENT - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	FIFTH SEMESTER	Completed
CEM 100	3 <input type="checkbox"/>	Bus/Management Courses	6 <input type="checkbox"/>
CONS 108	4 <input type="checkbox"/>	English/Comm Course	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	Fine Arts Course	3 <input type="checkbox"/>
MATH 126 or higher	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	SIXTH SEMESTER	Completed
CONS 109	4 <input type="checkbox"/>	CEM 330	3 <input type="checkbox"/>
CONS 118	3 <input type="checkbox"/>	CEM 350	3 <input type="checkbox"/>
CONS 120	3 <input type="checkbox"/>	CEM 432	3 <input type="checkbox"/>
ENG102	3 <input type="checkbox"/>	Bus/Management Course	3 <input type="checkbox"/>
Math Course	3 <input type="checkbox"/>	Social Science Course	3 <input type="checkbox"/>
THIRD SEMESTER	Completed	SEVENTH SEMESTER	Completed
CADD 100	3 <input type="checkbox"/>	CEM 451	3 <input type="checkbox"/>
CONS 111	3 <input type="checkbox"/>	CEM 453	3 <input type="checkbox"/>
CONS 121	2 <input type="checkbox"/>	CEM 454	3 <input type="checkbox"/>
Humanities Course	3 <input type="checkbox"/>	CEM 455	3 <input type="checkbox"/>
General Elective Course	3 <input type="checkbox"/>	Bus/Management Courses	3 <input type="checkbox"/>
FOURTH SEMESTER	Completed	EIGHTH SEMESTER	Completed
CONS 205	2 <input type="checkbox"/>	CEM 452	3 <input type="checkbox"/>
CONS 281	3 <input type="checkbox"/>	CEM 485	3 <input type="checkbox"/>
SUR 119	3 <input type="checkbox"/>	CONS 451	3 <input type="checkbox"/>
Economics Course	3 <input type="checkbox"/>	Capstone Course	9 <input type="checkbox"/>
U.S./Nevada Constitution	3 <input type="checkbox"/>		

BACHELOR OF APPLIED SCIENCE - Mission & Outcomes

Mission: The mission of the Bachelor of Applied Science Degree in Construction Management is to prepare students for entry-level and mid-level positions within the various construction industry disciplines, and to meet the goals of the Technology Division.

Student Learning Outcomes: Upon completing the Bachelor of Applied Science in Construction Management program, students will be able to demonstrate:

- Knowledge in basic economic principles, business principles and construction accounting, finances, and law
- Exposure to the design theory and analysis of construction practices and systems
- Understanding of the utilization of available resources for construction planning, methods and materials
- Understanding, skill and knowledge of construction documents, communications, graphics, and surveying
- Skill and knowledge in construction accounting, estimating and bidding practices
- Ability to plan and schedule construction projects
- Application of relevant administrative skills, ethics, safety practices, and problem solving techniques to construction management

Associate of Applied Science

A CAREER DEGREE

Students enrolled in any of these programs will benefit from "hands-on" laboratory experience within their major field. They will enter the job market with specific skills and knowledge useful for employment and advancement. The Associate of Applied Science degree is available for those students who desire a two-year course of study and training in an occupational and/or technical career field. Although the AAS degree is not designed to be a transfer program, some courses will transfer to four-year colleges or universities. Students who wish to transfer to a four-year school should consult a WNC counselor. Coursework must total at least 60 units.

All Associate of Applied Science degree and certificate programs require completion of appropriate courses in computation, communication and human relations. Additionally, introductory courses in applied science and technology, as well as allied health

programs, include instruction in safety, industrial safety and environmental awareness, as appropriate. Students with previous occupational or practical experience may be eligible to challenge certain course requirements and prerequisites. Courses with a number under 100 (such as ENG 095) are not applicable toward an Associate of Applied Science Degree at WNC.

In some cases, courses may not transfer to other Nevada community colleges and Nevada State College, or to other colleges and universities. See a WNC counselor for the latest transfer information. A maximum of six units of special topics classes in one subject area may apply toward any WNC degree. To make decisions about specific emphases under the Associate of Applied Science degree, please refer to the academic programs or see a WNC counselor.

Helping Others Paves WNC Student's Road to Becoming a Nurse

Diana Meza Cabrera Receives Regents Scholar Award

Pursuing an education in nursing has taken Diana Meza Cabrera on a lengthy road of challenges, experiences and rewards.

Since graduating from high school in 2006, Meza Cabrera has consistently found ways to help others. As an outreach educator for Live Violence Free in South Lake Tahoe, Calif., she assisted domestic violence, child abuse and sexual abuse victims. She also served as a student assistant at Humboldt State University Health Center and has participated in blood and toothbrush drives while attending WNC.

"I've always loved helping and being part of the community," Meza Cabrera said. "I like those connections you make in clubs and having leadership roles in clubs."

Now, the Nevada System of Higher Education has selected her as the 2016 Regents Scholar Award recipient for WNC. As a Regents Scholar Award winner, Meza Cabrera receives \$5,000. One student from each Nevada System of Higher Education institution is selected for the award based on their academic achievements, service contributions and leadership.

WNC Nursing Professor Edda Gibson said that Meza Cabrera is "most deserving and has worked very hard for this honor."

From her clinical rotations at Carson Tahoe, Renown Regional and St. Mary's medical centers, Meza Cabrera has emphasized providing additional care to patients.

"We've been helping people going into surgery and coming out of surgery, learning patient care and signs that nurses need to be aware of," Meza Cabrera said. "It is nice to take the time with the patients because regular nurses are overwhelmed. Sometimes I feel patients want to talk more and we are able to be there for them. Someone might need a hug right then and there might not be a medication or procedure for what they are feeling."



Gibson said that Meza Cabrera has demonstrated the qualities that will help her succeed in her nursing career.

"In the clinical environment, Diana is the most compassionate, respectful and focused professional student," Gibson said. "I have had the pleasure of being part of all three curricular environments with Miss Cabrera and very much respect and anticipate a rewarding and fulfilling career for Diana."

"Much more impressive than the curricular commitment to learning, she has consistently accepted leadership roles," Gibson said. "She has served as president of the National Student Nurses Association for 2016, secretary for our second-year nursing club and has attended the National Student Nurses Conference in 2015."

Even though Meza Cabrera will have two degrees when she graduates from the nursing program in May, she plans to continue her education at the University of Nevada, Reno. She aspires to earn a bachelor's degree in nursing and someday work in surgery.

"My ultimate goal is to be in the operating room," she said. "I want to be in there with the doctors, helping them with the surgery."

ASSOCIATE OF APPLIED SCIENCE DEGREE REQUIREMENTS

ASSOCIATE OF APPLIED SCIENCE - Mission & Outcomes

Mission: The purpose of the Associate of Applied Science degree is to provide employment-related knowledge and skills necessary to succeed in a chosen field of study.

Student Learning Outcomes: Students who complete an Associate of Applied Science degree at WNC are expected to demonstrate that they

- have met the general education student learning outcomes.
- know the subject matter appropriate to the emphasis of the degree.
- have acquired skills and can perform tasks necessary for employment or career advancement.

REQUIREMENTS: A minimum of 60 units chosen from the following:

ENGLISH/COMMUNICATIONS REQUIREMENT - 6 units.

Must include a writing course.

Business: 107, 108

Communication: 101, 102, 113

Criminal Justice: 103

English

Journalism: 201

Reading

Writing Course (Business 108, English 100, 101, 102, 107 or any other 200 level English class)

HUMAN RELATIONS REQUIREMENT - 3 units.

Anthropology: 101, 201

Business: 110

Counseling and Personal Development: 117, 129

Criminal Justice: 270

Early Childhood Education: 121

Education Psychology: 150

Human Development & Family Studies: 201, 202

Management: 201, 212, 283

Psychology (except for PSY 210)

Sociology (except for SOC 210)

HUMANITIES/SOCIAL SCIENCE REQUIREMENTS - 3 units.

Choose from either humanities or social science areas:

Humanities Area:

Art: 100, 101*, 124, 160, 224, 260, 261

Core Humanities: 201, 202

Dance: 101

English: 200, 221, 223, 250, 261, 266, 267, 271, 275

History: 105, 106, 207, 247

Humanities: 101

Music: 111*, 121, 124, 125, 134

Philosophy (except for PHIL 102, 114)

Theatre: 100, 105, 180

** Course may not meet the fine arts requirement at all universities.*

Please see a counselor.

Social Sciences Area:

Anthropology: 101, 201, 202, 210, 212, 215

Core Humanities: 203

Criminal Justice: 101, 102, 120, 215, 220, 225, 226, 230, 270

Economics: 100, 102, 103

Geography: 106, 200

History: 101, 102, 111, 217, 295

Political Science

Psychology (except for PSY 210)

Sociology (except for SOC 210)

MATHEMATICS REQUIREMENT - 3 units.

Business: 109

Economics: 261, 262

Mathematics

Psychology: 210

Sociology: 210

Statistics: 152

SCIENCE REQUIREMENT - 6 units.

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology (except for BIOL 208, 223, 224, 231)

Chemistry (except for CHEM 220, 241, 241L, 242, 242L)

Environmental Studies

Geography: 103, 104

Geology: 105 (except for GEOL 111, 112, 113, 299)

Natural Resources: 101

Nutrition: 121

Physics (except for PHYS 293)

U.S. & NEVADA CONSTITUTION REQUIREMENTS - 3 or 6 units.

Must meet both requirements. Choose from the following:

Core Humanities: 203

History: 101 & 217

History: 101 & 102

History: 111

Political Science: 103

History and Political Science Combination (History 101 and Political Science 208)

PROGRAM REQUIREMENTS AND GENERAL ELECTIVES

Number of units required may vary by emphasis.

Some units earned in non-traditional courses may be considered for elective credit and may require review in order to be applied to the AAS degree.



Business
ACCOUNTING

Associate of Applied Science - Business Degree

The accounting degree enables students to establish, maintain and manage both manual and automated accounting systems. Students can develop the necessary competencies to create and analyze information for managerial decision-making situations. In addition to this degree program, students who intend to become full-charge bookkeepers will also need experience in the field.

Salary: \$28,770-\$45,150 / year (Nevada)

Career Outlook: Above average growth; demand is increasing as regulations for loan standards and auditing become stricter.

Good To Know: Tax preparation growth is on the decline as tax software becomes more widely used.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Core Business Requirements 30 Units

ACC 201	Financial Accounting	3
ACC 202	Managerial Accounting	3
BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3
MKT210	Marketing Principles	3

Accounting Degree Requirements 6 Units

ACC 203	Intermediate Accounting	3
ACC 220	Microcomputer Accounting Systems	3
or ACC 223	Introduction to Quickbooks	

Accounting Electives 9 Units

Choose 9 units from the following:

ACC 105	Taxation For Individuals	3
ACC 180	Payroll & Employee Benefit Accounting	3
ACC 204	Intermediate Accounting II	3
ACC 220	Microcomputer Accounting Systems	3
ACC 223	Introduction to QuickBooks	3
ACC 261	Governmental Accounting	3
ACC 290	Certified Bookkeeper Course	6
ACC 295	Work Experience I	3
COT 262	Intermediate Spreadsheets Concepts	3
ECON 261*	Principles of Statistics I	3
ECON 262*	Principles of Statistics II	3

Students should consult a counselor or instructor for information regarding sequence of accounting courses.

General Education Requirements 15 Units

English/Communications Requirement:

Recommended: BUS107, BUS108; or ENG101, ENG102*; must include a writing course* 6

Mathematics Requirement 3

Science Requirement 3

U.S. and Nevada Constitution Requirement 3

* Recommended for students who plan to transfer and enroll in a bachelor's degree program.

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

ACCOUNTING - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ACC 201	3 <input type="checkbox"/>	ACC 203	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	BUS 273	3 <input type="checkbox"/>
BUS 101		MKT 210	3 <input type="checkbox"/>
or MATH 120 or higher	3 <input type="checkbox"/>	Accounting Elective	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ACC 202	3 <input type="checkbox"/>	ACC 220 or ACC 223	3 <input type="checkbox"/>
MATH: BUS 109	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
BUS 108 or ENG 102	3 <input type="checkbox"/>	Accounting Elective	6 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	Science Requirement	3 <input type="checkbox"/>
MGT 201	3 <input type="checkbox"/>		

BUSINESS- ACCOUNTING - Mission & Outcomes

Mission: The purpose of the AAS Business-Accounting degree is to provide the knowledge and skills necessary to be a successful manager.

Student Learning Outcomes: Upon completing an AAS Business-Accounting degree from Western Nevada College, students will be able to:

1. Articulate and demonstrate their personal employment related knowledge, skills and abilities.
2. Evaluate the impact of various economic systems and policies
3. Summarize, record, analyze, interpret and communicate accounting and financial information for decision making.
4. Devise, implement and evaluate managerial decisions, actions and outcomes.
5. Apply technology to aid in communications and decision making.
6. Present research, data, analysis and conclusions through written and oral means.
7. Describe the changing landscape of the global market and its impact on the United States.
8. Summarize the impact of social, ethical, legal and diversity issues within contemporary business.
9. Develop business, financial, and marketing plans for established and emerging businesses.

TIP: WNC also offers . . .

Certificate of Achievement - Bookkeeping • See page 30

Certification Preparation - Bookkeeping • See page 37



Technology
AUTOMATED SYSTEMS
 Associate of Applied Science - Technology Degree

The Automated Systems specialization of the AAS Technology degree focuses on the integration of computers and electronic technologies to control industrial systems and machines in manufacturing, distribution and logistics environments. Courses include basic electronics, computer systems, wiring, and electrical controls, providing students with technical theory, and hands-on practice to install and maintain automated systems for a variety of industries.

Salary: \$51,320-\$71,850 / year (Nevada)

Career Outlook: Average growth

Good To Know: Offers broad career opportunities & room for advancement. Advances in technology will force companies to improve and update their facilities and design.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements		36 Units
AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 121	Electrical Control Systems	1
AIT 155	Applied Hands-on AIT Labs	3
ET 131	DC for Electronics	4
ET 132	AC for Electronics	4
MT 115	Applied Programmable Logic Controllers	3
ET 104	Fabrication/Soldering Techniques	3

Choose at least 14 units from the following program electives:

CADD 100	Introduction to Computer Aided Drafting	3
CADD 245	Solid Modeling and Parametric Design (SolidWorks)	3
CIT 161	Essentials of Information Security	3
DFT 110	Blueprint Reading for Industry	3
Any AIT, ELM, ET or MT course		3

General Education Requirements		24 Units
English/Communications Requirement: <i>Recommended: BUS 107; Must include a writing course</i>		6
Human Relations: <i>Recommended; BUS 110</i>		3
Humanities/Social Science Requirements		3
Mathematics Requirement		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Elective		3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

TIP: WNC also offers . . .

Certificate Preparation - Electronics Technician • See page 38

AUTOMATED SYSTEMS - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ET 131	4 <input type="checkbox"/>	English	3 <input type="checkbox"/>
ET 132	4 <input type="checkbox"/>	US/Nev. Constitution	3 <input type="checkbox"/>
ENG: BUS 107	3 <input type="checkbox"/>	Program Elective	8-10 <input type="checkbox"/>
Humanities/Social Science Course	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
AIT 101	4 <input type="checkbox"/>	MT 115	3 <input type="checkbox"/>
AIT 155	3 <input type="checkbox"/>	AIT 121	1 <input type="checkbox"/>
ET 104	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
MATH 110	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	Program Elective	4-6 <input type="checkbox"/>

ASSOCIATE OF APPLIED SCIENCE - TECHNOLOGY

Mission & Outcomes

Mission: The purpose of the Associate of Applied Science degree in Technology is to provide employment-related knowledge and skills necessary to succeed in a chosen field of study.

Student Learning Outcomes: Students who complete programs in occupational areas are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the degree.
- Are able to:
 - communicate effectively and appropriately, in oral and written form.
 - locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - acquire skills and perform tasks necessary for employment or career enhancement
- Have developed:
 - an appreciation of the importance of social, ethical, legal and diversity issues.
 - an appreciation of the need and importance of lifelong learning.

*Third-party industry-recognized credentials are available to students throughout the program.
 A fee is associated with most exams.*



Technology
AUTOMOTIVE MECHANICS
 Associate of Applied Science - Technology Degree

The technology degree for automotive mechanics offers students an opportunity to acquire the necessary skills and technical theory for a successful career as an automotive mechanic. Individuals who are now employed in the automotive mechanics field will be able to upgrade their knowledge. Students obtaining this associate degree will have completed courses of a very technical nature, chosen to complement each other and provide breadth and depth of diagnostic and repair skill abilities necessary to work in a service facility.

Salary: \$29,990-\$50,960 / year (Nevada)

Career Outlook: Higher than average growth

Good To Know: Mechanics can be certified in as many as eight service areas.

Most jobs are at repair shops and auto dealerships.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements		36 Units
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 117	Advanced Auto Electronics	4
AUTO 130	Engine Reconditioning	3
AUTO 145	Automotive Brakes	4
AUTO 155	Steering & Suspension	4
AUTO 160	Auto Air Conditioning	3
AUTO 210	Automatic Transmissions and Transaxles I	3
AUTO 225	Engine Performance I/Fuel & Ignition	4
AUTO 227	Engine Performance II/Emission Control	4

General Education Requirements

		24 Units
English/Communications Requirement: <i>Recommended: BUS 107&108;</i>		
<i>Must include a writing course</i>		6
Human Relations Requirement: <i>Recommended: BUS 110</i>		3
Humanities/Social Science Requirements		3
Mathematics Requirement: <i>Recommended: MATH 110</i>		3
Science Requirement		6
U.S. and Nevada Constitution Requirement		3

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

AUTOMOTIVE MECHANICS - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AUTO 101	3 <input type="checkbox"/>	AUTO 155	4 <input type="checkbox"/>
AUTO 115	4 <input type="checkbox"/>	AUTO 160	3 <input type="checkbox"/>
AUTO 130	3 <input type="checkbox"/>	AUTO 227	4 <input type="checkbox"/>
BUS 107	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
AUTO 117	4 <input type="checkbox"/>	AUTO 210	3 <input type="checkbox"/>
AUTO 145	4 <input type="checkbox"/>	BUS 108	3 <input type="checkbox"/>
AUTO 225	4 <input type="checkbox"/>	BUS 110	3 <input type="checkbox"/>
Humanities/Social Science Course	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
		U.S./Nevada Constitutions	3 <input type="checkbox"/>

ASSOCIATE OF APPLIED SCIENCE - AUTOMOTIVE MECHANICS

Mission & Outcomes

Mission: The mission of the Associate of Applied Science in Automotive Mechanics is to provide employment-related knowledge and skills necessary to succeed in the automotive field.

Student Learning Outcomes: Students who complete an Associate of Applied Science in Automotive Mechanics are expected to:

- Know the subject matter appropriate to the emphasis of the automotive field.
- Acquire skills and perform tasks necessary for employment or career enhancement.
- Present themselves effectively to a potential employer.
- Utilize appropriate resources to remain current in the automotive field.
- Are able to:
 - communicate effectively and appropriately, in oral and written form.
 - locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - acquire skills and perform tasks necessary for employment or career enhancement.
- Have developed:
 - an appreciation of the importance of social, ethical, legal and diversity issues.
 - an appreciation of the need and importance of lifelong learning.

**Automotive Technology
 National Certification**

Following an extensive examination of its courses, instructors and facilities, Western has earned a certification from the National Automotive Technicians Education Foundation (NATEF).

TIP: WNC also offers . . .

Certificate of Achievement - Automotive Mechanics • *See page 29*

Certification Preparation - Automotive Service Excellence • *See page 37*

Third-party industry-recognized credentials are available to students throughout the program.

A fee is associated with most exams.



Business
GENERAL BUSINESS
 Associate of Applied Science Degree

The General Business degree provides knowledge and skills in the diverse field of business. Students are encouraged to meet with a WNC counselor to identify programs which best suit their career goals.

Salary: \$37,990-\$50,510 / year (Nevada)

Career Outlook: Average growth, strong competition

Good To Know: Often includes hiring, training and supervising employees, although the increased use of computers may require managers to handle professional tasks with fewer employees.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Core Business Requirements		24 Units
BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3
MKT 210	Marketing Principles	3

Accounting Requirements		6 Units
ACC 135	Bookkeeping I	3
& ACC 201	Financial Accounting	3
or ACC 201*	Financial Accounting	
& ACC 202*	Managerial Accounting	

Business Electives		15 Units
Any Accounting, Business, Economics, Entrepreneurship, Finance, Management, Marketing or Real Estate Courses		

General Education Requirements		15 Units
English/Communications Requirement: <i>Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; must include a writing course</i>		6
Mathematics Requirement		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3

* Recommended for students who plan to transfer and enroll in a bachelor's degree program.

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.



BUSINESS - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER		THIRD SEMESTER	
ACC 135 or ACC 201	3 <input type="checkbox"/>	BUS 273	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	Business Elective	6 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>		
SECOND SEMESTER		FOURTH SEMESTER	
ACC 201 or ACC 202	3 <input type="checkbox"/>	Business Elective	9 <input type="checkbox"/>
BUS 108 or ENG 102	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
BUS 109 or MATH 120	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>		
MGT 201	3 <input type="checkbox"/>		

ASSOCIATE OF APPLIED SCIENCE BUSINESS - Mission & Outcomes

Mission: The purpose of the Associate of Applied Science degree in Business is to provide the knowledge, skills and abilities necessary to succeed in business.

Student Learning Outcomes: Upon completing a Business Certificate or AAS Business degree from Western Nevada College, students will be able to:

1. Articulate and demonstrate their personal employment related knowledge, skills and abilities.
2. Evaluate the impact of various economic systems and policies
3. Summarize, record, analyze, interpret and communicate accounting and financial information for decision making.
4. Devise, implement and evaluate managerial decisions, actions and outcomes.
5. Apply technology to aid in communications and decision making.
6. Present research, data, analysis and conclusions through written and oral means.
7. Describe the changing landscape of the global market and its impact on the United States.
8. Summarize the impact of social, ethical, legal and diversity issues within contemporary business.
9. Develop business, financial, and marketing plans for established and emerging businesses.

TIP: WNC also offers . . .

- Certificate of Achievement - Business • See page 30
- Certificate of Achievement - Bookkeeping • See page 30
- Certification Preparation - Bookkeeping • See page 37

COMPUTER INFORMATION TECHNOLOGY

Associate of Applied Science - Technology Degree

The Technology degree is designed to prepare students to work in many different fields, supporting the technological systems, networks and programming efforts that drive society and the economy. The degree has been designed to provide students with options that will help fill the vital roles in today's connected and collaborative business environment. Courses within the degree provide the students with readily recognizable credentials that are portable to business, industry and further education.

The core curriculum is based on the recommendations of the Association for Computing Machinery/Special Interest Group Information Technology Education (ACM/ SIGITE). Students may 'specialize' in a specific area (programming, networking or systems administration) or customize their own course selection to meet personal educational and business related goals.

Salary: \$35,730-\$58,330 / year (Nevada)

Career Outlook: Much faster than average growth

Good To Know: Businesses & organizations are investing heavily in 'cyber-security' and using technology and computers as a solution to problems.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements		36 Units
CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 161	Essentials of Information Security	3
CIT 263	Introduction to IT Project Management	3
INF 100	Introduction to Informatics I- Basic Concepts	3

Choose 19 units from one of the following:

CIT 129	Introduction to Programming	3
CIT 130	Beginning JAVA	3
CIT 133	Beginning C++	3
CIT 173	Linux Installation and Configuration	3
CIT 174	Linux System Administration	3
CIT 180	Database Concept and SQL	3
CIT 211	Microsoft Networking I	4
CIT 212	Microsoft Networking II	4
CIT 213	Microsoft Networking III	4
CIT 214	Microsoft Networking IV	4
CIT 230	Advanced JAVA	3
CIT 233	Advanced C++	3
CIT 238	Introduction to Smartphone Application Development	3
CSCO 120	CCNA Internetworking Fundamentals Elective	4
CSCO 121	CCNA Routing Protocols & Concepts	4
CSCO 130	Fundamentals of Wireless LANs	4
CSCO 220	CCNA Lan Switch Wireless	4
CSCO 221	CCNA Wan Fundamentals	4
CSCO 230	Fundamentals of Network Security	4
GRC 183	Electronic Imaging	3
IS 101	Introduction to Information Systems	3
IS 201	Computer Applications	3

General Education Requirements 24 Units

English/Communications Requirement: *Recommended: ENG 101 and ENG 107*

<i>Must include a writing course</i>	6
Human Relations Requirement	3
Humanities/Social Science Requirements	3
Mathematics Requirement: <i>Recommended: MATH 126 or higher</i>	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Elective	3

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

TECHNOLOGY - COMPUTER INFORMATION - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER		Completed	THIRD SEMESTER		Completed
CIT 114	4	<input type="checkbox"/>	Program Elective	3	<input type="checkbox"/>
CIT 128	4	<input type="checkbox"/>	Program Elective	4	<input type="checkbox"/>
ENG 101	3	<input type="checkbox"/>	Program Elective	3	<input type="checkbox"/>
Program Elective	3	<input type="checkbox"/>	Human Relations Course	3	<input type="checkbox"/>
			Humanities/Social Science Course	3	<input type="checkbox"/>
SECOND SEMESTER		Completed	FOURTH SEMESTER		Completed
CIT 161	3	<input type="checkbox"/>	CIT 263	3	<input type="checkbox"/>
INF 100	3	<input type="checkbox"/>	ENG 107	3	<input type="checkbox"/>
Program Elective	3	<input type="checkbox"/>	General Elective	3	<input type="checkbox"/>
Science Course	3	<input type="checkbox"/>	Program Elective	3	<input type="checkbox"/>
Mathematics Course	3	<input type="checkbox"/>	US/Nev. Constitution	3	<input type="checkbox"/>

Students interested in Programming should consider the following electives: CIT129, CIT130, CIT 133, CIT238, CIT230, CIT233, GRC183

Students interested in Networking should consider the following electives: CIT 211, CIT 173, CIT 174, CSCO 120, CSCO 121, CSCO 130, CSCO 220, CSCO 221, CSCO 230

Students interested in System Administration should consider the following electives: CIT 211, CIT 212, CIT 213, CIT 214, CIT 173, CIT 174, CSCO 130, CSCO 230

ASSOCIATE OF APPLIED SCIENCE - TECHNOLOGY**Mission & Outcomes**

Mission: The purpose of the Associate of Applied Science Technology Degree in Computer Information is to provide graduates with up-to-date training in the management of information resources, including computer and networking operations, infrastructure and information security.

Student Learning Outcomes: Students who complete the AAS Technology degree in Computer information are expected to be able to:

- Apply knowledge of computing and information technology appropriate to the discipline
- Analyze a problem, and identify and define the technology requirements appropriate to its solution
- Design, implement and evaluate a computer-based system, process, component, or program to meet desired needs
- Function effectively on teams to accomplish a common goal
- Understand professional, ethical, legal, security, and social issues and responsibilities
- Communicate effectively with a range of audiences
- Analyze the local and global impact of computing on individuals, organizations and society
- Recognize the need for, and an ability to engage in, continuing professional development
- Use and apply current technical concepts and practices in the core information technologies
- Effectively integrate IT-based solutions into the user environment
- Understand best practices and standards and their application.

TIP: WNC also offers . . .

Certificate of Achievement - Network Support • *See page 31*

Certificate of Achievement - System Administration • *See page 31*

Certification Preparation - Cisco Technology • *See page 37*

- Comp TIA Security+ • *See page 37*

- Microsoft Certification • *See page 39*

Third-party industry-recognized credentials are available to students throughout the program.

A fee is associated with most exams.



Technology
CONSTRUCTION
 Associate of Applied Science - Technology Degree

The Construction specialization of the AAS Technology degree provides industry-specific training that addresses topics of critical importance to subcontractors, general contractors, superintendents and project managers. Students will study contract administration, coordination, negotiation, quality control and the management of labor resources, equipment and materials.

Salary: \$28,180-\$53,160/ year (Nevada)

Career Outlook: Above Average growth

Good To Know: Employment depends on economy and layoffs may occur during times of low construction activity. Changes in building technology and policies may increase the need for construction personnel.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements		36 Units
CADD 100	Introduction to Computer Aided Drafting	3
CEM 100	Fundamentals of Construction Management	3
CONS 108	Construction Materials and Methods I	4
CONS 109	Construction Materials and Methods II	4
CONS 111	Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 120	Blueprint Reading and Specification	3
CONS 121	Principles of Construction Estimating	3
CONS 205	Construction Site Safety	2
CONS 281	Construction Planning Scheduling and Control	3
CONS 290	Internship in Construction	3
SUR 119	Construction Surveying	3

General Education Requirements		24 Units
English/Communications Requirement:		
<i>Recommended: BUS 107, Must include a writing course</i>		6
Human Relations: <i>Recommended: BUS 110</i>		3
Humanities/Social Science Requirement		3
Mathematics Requirement: <i>MATH 126 or higher</i>		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Elective		3

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

CONSTRUCTION TECHNOLOGY - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CONS 108	4 <input type="checkbox"/>	CONS 111	3 <input type="checkbox"/>
CEM 100	3 <input type="checkbox"/>	CADD 100	3 <input type="checkbox"/>
English 101	3 <input type="checkbox"/>	CONS 118	2 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	Humanities/Social Science Course	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CON 109	4 <input type="checkbox"/>	CONS 121	3 <input type="checkbox"/>
CONS 120	3 <input type="checkbox"/>	CONS 205	2 <input type="checkbox"/>
SUR 119	3 <input type="checkbox"/>	CONS 281	3 <input type="checkbox"/>
English 102	3 <input type="checkbox"/>	CONS 290	3 <input type="checkbox"/>
Mathematics 126 or higher	3 <input type="checkbox"/>	US/Nev. Constitution	3 <input type="checkbox"/>

ASSOCIATE OF APPLIED SCIENCE - TECHNOLOGY

Mission & Outcomes

Mission: The purpose of the Associate of Applied Science degree in Technology is to provide employment-related knowledge and skills necessary to succeed in a chosen field of study.

Student Learning Outcomes: Students who complete programs in occupational areas are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the degree.
- Are able to:
 - communicate effectively and appropriately, in oral and written form.
 - locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - acquire skills and perform tasks necessary for employment or career enhancement.
- Have developed:
 - an appreciation of the importance of social, ethical, legal and diversity issues.
 - an appreciation of the need and importance of lifelong learning.



TIP: WNC also offers . . .

- Bachelor of Applied Science - Construction Management • See pages 8-9
- Certification Preparation - Inspector of Structures • See page 38
 - Construction Craft Laborer • See page 38
 - Ramsdell Construction Academy • See page 38

Third-party industry-recognized credentials are available to students throughout the program.

A fee is associated with most exams.



CRIMINAL JUSTICE-GENERAL

Associate of Applied Science Degree

The general Criminal Justice degree is designed to prepare students for various careers within the field of criminal justice. This degree is designed to ease transfer to UNR and other colleges or universities.

Salary: \$57,530-\$80,370/ year (Nevada)

Career Outlook: Average growth

Good To Know: Emphasis on public safety and security may lead to new openings; jobs will be competitive because of low turnover rate.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements		36 Units
CRJ 101*	Introduction to Criminal Justice I	3
CRJ 102*	Introduction to Criminal Justice II	3
CRJ 106*	Introduction to Corrections	3
CRJ 164	Principles of Investigation	3
CRJ 211*	Police in America	3
CRJ 222*	Criminal Law and Procedures	3
CRJ 234*	Introduction to Courts/American Legal System	3
CRJ 225	Criminal Evidence	3
CRJ 270	Introduction to Criminology	3

Choose 9 units from the following:

Any CRJ course		1-9
ART 135	Photography I	3
ART 141	Introduction to Digital Photography I	3
BUS 107	Business Speech Communications	3
COM 101	Oral Communications	3
CPD 116	Substance Abuse- Fundamental Facts	3
CPD 117	Introduction to Counseling	3
CPD 129	Assertiveness Techniques I	1
STAT152	Introduction to Statistics	3
SW 230	Crisis Intervention	3
Any IS, COT or CIT course		1-6
Any Foreign Language		1-9
Any PSY or SOC		1-6

*Direct transfer to UNR for CRJ major

General Education Requirements		24 Units
English/Communications Requirement: Recommend <i>ENG 101 and 102</i>		6
Humanities Requirement		3
Mathematics Requirement: Recommended: MATH 120* or higher		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Electives		6

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

TIP: WNC also offers . . .

Certificate of Achievement - Criminal Justice • See page 32

CRIMINAL JUSTICE - GENERAL - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CRJ 101	3 <input type="checkbox"/>	CRJ 211	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	CRJ 222	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	CRJ 234	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
Humanities	3 <input type="checkbox"/>	Science Requirement	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CRJ 102	3 <input type="checkbox"/>	CRJ 225	3 <input type="checkbox"/>
CRJ 106	3 <input type="checkbox"/>	CRJ 270	3 <input type="checkbox"/>
CRJ 164	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
ENG 102	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
Math Course	3 <input type="checkbox"/>	US/Nev. Constitution	3 <input type="checkbox"/>

ASSOCIATE OF APPLIED SCIENCE - CRIMINAL JUSTICE - GENERAL

Mission & Outcomes

Mission: The purpose of the general criminal justice degree is to provide the academic knowledge and skills for successful transfer to meet higher educational goals.

Student Learning Outcomes: Students who complete the Associate of Applied Science Degree in Criminal Justice-General are expected to demonstrate that they can

- Meet the general education requirements of WNC
- Maintain proper professional attitude for law enforcement
- Articulate the legal requirements of search and seizure
- Recognize and evaluate criminal law
- Process crime scenes
- Analyze theories for committing crimes
- Maintain vocabulary necessary for criminal justice
- Have an acute awareness of cultural diversity
- Maintain crime scenes



DEAF STUDIES

Associate of Applied Science Degree

The Deaf Studies degree will help students develop knowledge about American Sign Language, cultural impacts related to being deaf or hard of hearing, and the state of Nevada statutory regulations which govern interpreting.

Salary: \$38,790-\$50,930 / year (Nevada)

Career Outlook: Faster than average growth. Demand is expected to increase due in part to laws requiring that services be made available to the deaf.

Good To Know: Interpreters are often needed in schools, public agencies and health-care facilities.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements

	36 Units
AM 140*	6
AM 141**	6
AM 149	4
AM 150	4
AM 151	1
AM 152	1
AM 153	3
AM 154	3
AM 215	4
AM 216	4

General Education Requirements

	24 Units
English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement	3
Humanities/Social Science Requirement	3
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Elective (Theatre 105 recommended)	3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

NOTE:

*AM 145 and AM 146 (4 units each) may be completed in lieu of AM 140 for slower paced courses.

**AM 147 and AM 148 (4 units each) may be completed in lieu of AM 141 for slower paced courses.

DEAF STUDIES - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AM 140*	6 <input type="checkbox"/>	AM 149	4 <input type="checkbox"/>
AM 151	1 <input type="checkbox"/>	AM 215	4 <input type="checkbox"/>
AM 154	3 <input type="checkbox"/>	Math Course	3 <input type="checkbox"/>
English/Comm. Course	3 <input type="checkbox"/>	US/Nev. Constitution	3 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
AM 141**	6 <input type="checkbox"/>	AM 150	4 <input type="checkbox"/>
AM 152	1 <input type="checkbox"/>	AM 216	4 <input type="checkbox"/>
AM 153	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
English/Comm. Course	3 <input type="checkbox"/>	(Theatre 105 Recommended)	
Hum./ Soc. Science Course	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>

ASSOCIATE OF APPLIED SCIENCE - DEAF STUDIES

Mission & Outcomes

Associate of Applied Science Mission: The mission of the Western Nevada College Deaf Studies AAS Degree Program is to provide quality education to students, thus developing their comprehensive expressive/receptive skills in American Sign Language, fingerspelling fluency and knowledge of the history and culture of people who are deaf or hard of hearing. Students are provided a strong foundation in which to enter numerous high-demand professional fields that provide services to deaf or hard of hearing people.

Student Learning Outcomes: Upon completing the Deaf Studies Associate of Applied Science degree, students will be able to:

- Produce basic expressive/receptive sign language communicative skills
- Demonstrate appropriate ASL linguistic and grammatical structure in signing
- Demonstrate functional language aptitude in American Sign Language
- Produce basic expressive/receptive signing of personal heredity and cultural traditions
- Produce basic expressive/receptive signing of biographic and autobiographic events
- Produce basic expressive/receptive signing of number systems - functional & abstract
- Produce basic expressive/receptive signing of major life activities and special occasions
- Demonstrate knowledge of linguistic, cultural, educational and social aspects of people who are deaf or hard of hearing
- Demonstrate basic knowledge of historical, political, audiological, educational and linguistic in relation to the history of people who are deaf or hard of hearing
- Demonstrate basic fluency in receptive and expressive pragmatics and production of fingerspelling in ASL

TIP: WNC also offers . . .

Certificate of Achievement - American Sign Language • See page 29

Certification Preparation - Interpreting • See page 38



GRAPHIC COMMUNICATIONS

Associate of Applied Science Degree

The Graphic Communications program is designed for students who seek quick access to career fields involving print design, web design, multimedia, and animation.

Salary: \$35,950-\$56,640/ year (Nevada)

Career Outlook: Average growth.

Good To Know: Opportunities are highest for graphic designers with knowledge and training in website design and animation.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements 42 Units

ART 100	Visual Foundations	3
ART 101	Drawing I	3
GRC 103	Intro to Computer Graphics	3
GRC 109	Color and Design	3
GRC 144	Electronic Layout and Typography	3
GRC 156	Design with Illustrator	3
GRC 175	Web Design I	3
GRC 179	Multimedia Design & Production	3
GRC 183	Design with Photoshop	3
GRC 188	Web Animation I	3
GRC 275	Web Design II	3
GRC 283	Electronic Imaging	3
GRC 294	Professional Portfolio	3

Choose 3 units from the following:

ART 115	Beginning Clay Sculpture	3
ART 124	Beginning Printmaking	3
ART 127	Watercolor I	3
ART 135	Photography I	3
ART 141	Introduction to Digital Photography I	3
ART 160	Art Appreciation	3
ART 211	Ceramics I	3
ART 216	Sculpture I	3
ART 231	Painting I	3
ART 245	Digital Media	3
ART 260	Survey Art History I	3
ART 261	Survey of Art History II	3

General Education Requirements 18 Units

English/Communications Requirement	6
Human Relations Requirement: <i>PSY or SOC recommended</i>	3
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirements	3

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

GRAPHIC COMMUNICATIONS - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ART 100	3 <input type="checkbox"/>	GRC 175	3 <input type="checkbox"/>
ART 101	3 <input type="checkbox"/>	GRC 188	3 <input type="checkbox"/>
GRC 103	3 <input type="checkbox"/>	GRC 283	3 <input type="checkbox"/>
GRC 109	3 <input type="checkbox"/>	General Ed Courses	6 <input type="checkbox"/>
General Ed Courses	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
GRC 144	3 <input type="checkbox"/>	GRC 179	3 <input type="checkbox"/>
GRC 156	3 <input type="checkbox"/>	GRC 275	3 <input type="checkbox"/>
GRC 183	3 <input type="checkbox"/>	GRC 294	3 <input type="checkbox"/>
General Ed Courses	6 <input type="checkbox"/>	General Ed Courses	3 <input type="checkbox"/>
		Program Elective	3 <input type="checkbox"/>

ASSOCIATE OF APPLIED SCIENCE - GRAPHIC COMMUNICATIONS Mission & Outcomes

Mission: The Associate of Applied Science degree in Graphic Communications will provide employment-related knowledge and skills necessary to succeed in the graphic communications field. The degree will meet educational criteria for employment and prepare the student for possible transfer to other colleges and universities to meet higher educational and professional goals.

Student Learning Outcomes: Associate of Applied Science in Graphic Communications graduates are expected to :

- Research design problems.
- Demonstrate technical skills.
- Implement design concepts.
- Work collaboratively.
- Perform successful presentations.

TIP: WNC also offers . . .

Certificate of Achievement - Graphic Communications • See page 33



Technology
GENERAL INDUSTRIAL TECHNOLOGY
 Associate of Applied Science

The General Industrial Technology degree is designed to develop skills and knowledge that can be applied in a variety of industries and facilities with a focus on installation, maintenance and management of technical, electrical and mechanical systems. A broad base of study in electronics, fluid power, mechanical systems, machine tool, welding and wiring is offered. Hands-on practice and theoretical knowledge will prepare individuals for a variety of entry-level electrical/mechanical technician positions or technical support positions in the industrial, manufacturing, technology or commercial environments.

Salary: \$35,180-\$53,370 (Nevada)

Career Outlook: Above Average Growth

Good To Know: Leads to employment as a maintenance or industrial technician

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements		36 Units
AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 155	Applied Hands-on AIT Labs	3
DFT 110	Blueprint Reading for Industry	3
Any MTT courses		5
Any WELD courses		5

Choose at least 16 units from the following: AIT, CADD, ELM, ET, ENRG, IT, MTT, MT, WELD

General Education Requirements		24 Units
English/Communications Requirement: <i>Recommended: BUS 107</i>		
	<i>Must include a writing course</i>	6
Human Relations: <i>Recommended: BUS 110</i>		3
Humanities/Social Science Requirements		3
Mathematics Requirement: <i>Recommended: MATH 110</i>		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Elective		3

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

TIP: WNC also offers . . .

Associate of Applied Science-Technology degrees in:

- *Automated Systems* • See page 13
- *Automotive Mechanics* • See page 14
- *Computer Information Technology* • See page 16
- *Construction* • See page 17
- *Machine Tool* • See page 22
- *Welding* • See page 27

Certificate of Achievement - General Industrial • See page 33
 - Industrial Electronics • See page 34
 - Machine Tool • See page 34
 - Welding • See page 35

Multiple Certificates of Completion - See pages 37-39

TECHNOLOGY - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER		Completed	THIRD SEMESTER	Completed
AIT 101		4 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>
English Course: BUS 107		3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
MTT 105		3 <input type="checkbox"/>	Program Electives	5 <input type="checkbox"/>
MATH 110		3 <input type="checkbox"/>	WELD 211	3 <input type="checkbox"/>
SECOND SEMESTER		Completed	FOURTH SEMESTER	Completed
AIT 155		3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
English		4 <input type="checkbox"/>	Program Electives	6 <input type="checkbox"/>
MTT 110		3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Science Elective		3 <input type="checkbox"/>	WELD 221	2 <input type="checkbox"/>
Program Elective		3 <input type="checkbox"/>		

ASSOCIATE OF APPLIED SCIENCE - TECHNOLOGY

Mission & Outcomes

Mission: The purpose of the Associate of Applied Science degree in Technology is to provide employment-related knowledge and skills necessary to succeed in a chosen field of study.

Student Learning Outcomes: Students who complete programs in occupational areas are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the degree.
- Are able to:
 - Communicate effectively and appropriately, in oral and written form.
 - Locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - Acquire skills and perform tasks necessary for employment or career enhancement.
- Have developed:
 - An appreciation of the importance of social, ethical, legal and diversity issues.
 - An appreciation of the need and importance of lifelong learning.



Technology
MACHINE TOOL TECHNOLOGY
 Associate of Applied Science -Technology Degree

The Machine Tool Technology specialization of the AAS Technology degree provides competency-based training for students who are interested in working in the machine trades field as a machinist, CNC programmer or machine operator. Hands-on learning is a focus of the courses students take in this industrial technology specialization.

Salary: \$28,330-\$47,090/ year (Nevada)

Career Outlook: Average growth. Jobs available due to difficulty finding skilled workers

Good To Know: Often work with computerized numerical control (CNC) machines

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements		36 Units
DFT 110	Blueprint Reading For Industry	3
MTT 105	Machine Shop I	3
MTT 106	Machine Shop Practice I	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop Practice II	2
MTT 230	Computer Numerical Control I	4
MTT 232	Computer Numerical Control II	4
MTT 250	Machine Shop III	3
MTT 251	Machine Shop Practice III	2
MTT 260	Machine Shop IV	3

Choose 7 units from the following program electives:

AIT 101	Fundamentals of Applied Industrial Technology	4
MTT 261	Machine Projects	1-6
MTT 262	Machine Shop Practice IV	2
MTT 292	Computer-Aided Manufacturing I	4
MTT 293	Computer-Aided Manufacturing II	4
MTT 295	Work Experience	1-6
Any MTT course		1-6
Related WELD or other technical/trade course		1-6

General Education Requirements		24 Units
English/Communications Requirement: <i>Recommended: BUS 107, Must include a writing course</i>		6
Human Relations: <i>Recommended: BUS 110</i>		3
Humanities/Social Science Requirements		3
Mathematics Requirement: <i>Recommended: MATH 110</i>		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Elective		3

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

MACHINE TOOL TECHNOLOGY - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER		Completed	THIRD SEMESTER		Completed
MTT 105	3	<input type="checkbox"/>	MTT 230	4	<input type="checkbox"/>
MTT 106	2	<input type="checkbox"/>	MTT 250	3	<input type="checkbox"/>
English Course			MTT 251	2	<input type="checkbox"/>
(Bus 107 Recommended)	3	<input type="checkbox"/>	Humanities/Social Science		
Human Relations Course	3	<input type="checkbox"/>	Course	3	<input type="checkbox"/>
Science Course	3	<input type="checkbox"/>	Program Elective	3-4	<input type="checkbox"/>
SECOND SEMESTER		Completed	FOURTH SEMESTER		Completed
DFT 110	2	<input type="checkbox"/>	MTT 232	4	<input type="checkbox"/>
MTT 110	3	<input type="checkbox"/>	MTT 260	3	<input type="checkbox"/>
MTT 111	2	<input type="checkbox"/>	General Elective	3	<input type="checkbox"/>
English Course	3	<input type="checkbox"/>	Program Elective	3-4	<input type="checkbox"/>
Mathematics Course	3	<input type="checkbox"/>	U.S./Nevada Constitution	3	<input type="checkbox"/>

ASSOCIATE OF APPLIED SCIENCE - TECHNOLOGY

Mission & Outcomes

Mission: The purpose of the Associate of Applied Science Degree in Technology is to provide employment-related knowledge and skills necessary to succeed in a chosen field of study.

Student Learning Outcomes: Students who complete programs in occupational areas are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the degree.
- Are able to:
 - Communicate effectively and appropriately, in oral and written form.
 - Locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - Acquire skills and perform tasks necessary for employment or career enhancement
- Have developed:
 - An appreciation of the importance of social, ethical, legal and diversity issues.
 - An appreciation of the need and importance of lifelong learning.

TIP: WNC also offers . . .

Certificate of Achievement - Machine Tool Technology • See page 34

Certificate of Preparation - National Institute of Metalworking Skills • See page 38



Business
MANAGEMENT
Associate of Applied Science - Business Degree

The Management degree is designed to provide a foundation for employment in a variety of business/managerial positions.

Salary: \$37,990-\$50,510 / year (Nevada)

Career Outlook: Average growth

Good To Know: Managers work in almost every industry. The increase in computer use may result in supervision of fewer people, and the need for managers to independently perform more professional duties.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Core Business Requirements 30 Units

ACC 201	Financial Accounting	3
ACC 202	Managerial Accounting	3
BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3
MKT 210	Marketing Principles	3

Management Requirements 6 Units

MGT 235	Organizational Behavior	3
MGT 283	Introduction to Human Resources Management	3

Management Electives 9 Units

Any Business, Management or Marketing Courses 9

General Education Requirements 15 Units

English/Communications Requirement: <i>Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; Must include a writing course</i>	6
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3

*Recommended for students who plan to transfer and enroll in a bachelor's degree program.

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

MANAGEMENT - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ACC 201	3 <input type="checkbox"/>	BUS 109 or MATH 120	
BUS 101	3 <input type="checkbox"/>	or higher	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	MGT 235	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	Management Elective	6 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ACC 202	3 <input type="checkbox"/>	BUS 273	3 <input type="checkbox"/>
BUS 108 or ENG 102	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
MGT 201	3 <input type="checkbox"/>	MGT 283	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	Management Elective	3 <input type="checkbox"/>
Science Requirement	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>

ASSOCIATE OF APPLIED SCIENCE - BUSINESS- MANAGEMENT

Mission & Outcomes

Mission: The purpose of the AAS Business - Management degree is to provide the knowledge and skills necessary to be a successful manager.

Student Learning Outcomes: Upon completing an AAS Business- Management degree from Western Nevada College, students will be able to:

1. Articulate and demonstrate their personal employment related knowledge, skills and abilities.
2. Evaluate the impact of various economic systems and policies
3. Summarize, record, analyze, interpret and communicate accounting and financial information for decision making.
4. Devise, implement and evaluate managerial decisions, actions and outcomes.
5. Apply technology to aid in communications and decision making.
6. Present research, data, analysis and conclusions through written and oral means.
7. Describe the changing landscape of the global market and its impact on the United States.
8. Summarize the impact of social, ethical, legal and diversity issues within contemporary business.
9. Develop business, financial, and marketing plans for established and emerging businesses.

TIP: WNC also offers . . .

Associate of Applied Science General Business • See page 15

Certificate of Achievement - Business • See page 30



NURSING

Associate of Applied Science

WNC's Associate Degree Nursing Program is intended for students seeking a career as a registered nurse. The curriculum is sequenced and progresses in complexity. It integrates knowledge from the bio/psycho/social sciences, and humanities and is intended to prepare graduates to pass the national licensure examination (NCLEX-RN) and to function as registered nurses in diverse care settings. Upon completion of the Associate Degree Nursing Program, students will be awarded an Associate of Applied Science degree. Graduates are eligible to sit for the NCLEX-RN.

The nursing program is approved by the Nevada State Board of Nursing (NSBN) and is accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, ph: 404-975-5000. Applicants are advised that eligibility for licensure may be affected by the existence of a criminal record, a history of alcohol or drug abuse, and mental or physical illness that may interfere with the practice of nursing. Applicants are encouraged to directly contact the NSBN at 1-775-687-7700 should there be a concern regarding eligibility for licensure. Applicants may also use the NSBN link found on the WNC Nursing & Allied Health web page for information regarding how the board processes applicant information and identifies convictions/situations under which the NSBN will deny application for licensure.

A limited number of qualified students are admitted as first semester students utilizing the selection criteria outlined on the next page. The nursing program requires that pre-and co-requisite courses be completed with a grade of "C" or better (a C- or lower grade will not be accepted). Students admitted to the program are required to attend mandatory one day orientation sessions scheduled for late spring or early summer and prior to the start of classes.

NURSING

Associate of Applied Science Degree

Salary: \$67,400-\$93,380/ year (Nevada)

Career Outlook: High growth, especially in home health care & nursing homes

Good To Know: Hospital nurses tend to earn more than nurses in doctors' offices; may include working days, nights, weekends or holidays

WNC Academic Division: Nursing and Allied Health

Total Requirements: 71.5 units

Prerequisite Courses*		21 Units
CHEM 121	General Chemistry I	4
or BIOL 190	Introduction to Cell and Molecular Biology	
and BIOL 190L	Introduction to Cell and Molecular Biology-Lab	
BIOL 223*	Human Anatomy and Physiology I	4
BIOL 224*	Human Anatomy and Physiology II	4
ENG 101	Composition I	3
MATH 120	Fundamentals of College Mathematics	3
or MATH 126	Precalculus I	
or higher MATH course		
PSY 101	General Psychology	3

*BIOL 223 & BIOL 224 must be completed at the same college or university if taken at an institution other than within Nevada System of Higher Education.

NOTE: Statute of Limitation for science courses is five years by the date of application to the nursing program.

Current CNA Certification or completion of NURS 129 or NURS 130 required within five years of the date of application to the nursing program is a required prerequisite.

Corequisite (Non-Nursing) Courses		10 Units
BIOL 251	General Microbiology	4
ENG 102	Composition II	3
U.S./Nevada Constitutions Course (PSC 103, HIST 111, or CH 203 recommended)		3

Note: Corequisite courses must be completed by the end of the fourth semester of the nursing program. See the Associate of Applied Science for more information on courses fulfilling the general education requirement. Completion of Chemistry 121 or Biology 190/190L, 223, 224 and 251 fulfills the science general education requirement for the Associate of Applied Science in Nursing.

First Year: Fall Semester Courses		10 Units
NURS 136	Foundations of Nursing Theory	3
NURS 137	Foundations of Nursing Laboratory	1
NURS 141	Foundations of Nursing Clinical	2
NURS 147	Health Assessment Theory	2
NURS 148	Health Assessment Laboratory	1
NURS 152	Foundations of Pharmacology in Nursing I	1

First Year: Spring Semester Courses		11 Units
NURS 149	Mental Health and Illness Theory	3
NURS 151	Mental Health and Illness Clinical	1
NURS 153	Foundations of Pharmacology in Nursing II	1
NURS 165	Medical Surgical Nursing I Theory	3
NURS 166	Medical Surgical Nursing I Laboratory	1
NURS 167	Medical Surgical Nursing I Clinical	2

Second Year: Fall Semester Courses		12 Units
NURS 156	Foundations of Pharmacology in Nursing II	1
NURS 261	Nursing Care of the Family Theory	4
NURS 262	Nursing Care of the Family Lab/Clinical	2
NURS 270	Advanced Clinical Nursing I Theory	3
NURS 271	Advanced Clinical Nursing I Clinical	2

Second Year: Spring Semester		7.5 Units
NURS 276	Advanced Medical Surgical Nursing II Theory	3
NURS 277	Advanced Medical Surgical Nursing II Clinical	2.5
NURS 284	Role of the ADN Manager of Care	2

Note: The sequence of some courses for the second year fall and spring semester may be altered.



Nursing Admission/Selection Criteria

Admission to the nursing program will be based on special admission procedures and the number of points an applicant receives. Eligible students will be numerically ranked according to total points. In the event of applicants having an equal number of points, lots will be drawn to decide eligibility. Admission will be offered to the applicants on the list with the highest priority points. Applicants not selected will not be carried forward and must reapply for consideration.

Science GPA (BIOL & CHEM pre and corequisite courses)	2.0-2.25 (1)	2.26-2.50 (2)	2.51-2.75 (3)	2.76-3.00 (4)
	3.01-3.25 (5)	3.26-3.50 (6)	3.51-3.75 (7)	3.76-4.00 (8)
GPA (pre- and corequisite courses)	2.0-2.49 (1)	2.5-2.99 (2)	3.0-3.49 (3)	3.5-4.0 (4)
(A grade of C or better is required for all pre and corequisite courses in the nursing program. A C- or lower will not be accepted.)				
Academic Skills Test 0-4 points will be awarded based on test scores.				
Nevada Resident: An applicant who is classified as a Nevada resident for tuition purposes at Western Nevada College at the time of application to the nursing program will be awarded one (1) point in the nursing admissions selection criteria. Maximum Possible Points: 17				

Nursing Program Application Process

Apply for admission to Western Nevada College and the WNC nursing program. Applications for the next fall are available on the WNC Nursing & Allied Health web page on or after January 2. The last date for submission of an application to Admissions and Records is April 1.

Prerequisites: Students must complete all prerequisite courses with a grade of "C" or better to apply for the nursing program. (C- or lower will not be accepted.) Students may apply for admission to the nursing program while in the process of completing a prerequisite course(s), providing the course is completed by the end of the applicable spring semester or, if taken at another institution, an official transcript showing completion of the course is provided by June 1 of the year of application. Evidence of courses in progress must be submitted by the application deadline.

Corequisites: Students who are accepted into the nursing program must complete all corequisite courses with a grade of "C" or better by the end of the fourth semester of the program. (A grade of C- or lower will not be accepted.) Any corequisite course(s) completed with a "C" or better prior to admission into the nursing program will be calculated into the grade point average under admission selection criteria.

Academic Skills Testing: Students are required to take an academic skills test as part of the application process. Visit www.wnc.edu/academics/division/nalh/ after September for specific information.

Residency: An applicant who is classified as a Nevada resident for tuition purposes at WNC at the time of application to the nursing program will be awarded one point in the nursing admissions/selection criteria.

Application and Supporting Documents: Submit the completed application with supporting documents, which include the academic skills test results and all required college and university transcripts, as appropriate, to Admissions and Records in the time frame delineated on the nursing program application.

NOTE: Statute of Limitation for science courses is five years by the date of application to the nursing program.

NOTE: Current CNA Certification or completion of NURS 129 or NURS 130 required within five years of the date of application to the nursing program.

TIP: WNC also offers . . .

Certification Preparation - Certified Nursing Assistant • See page 36

Certification Preparation - Emergency Medical Services • See page 36

Certification Preparation - Laboratory Technician-Phlebotomy • See page 36

Other Important Information

- Nursing learning activities are scheduled on and off campus on days, evenings and weekends.
- Course organization requires students to have basic computer skills, including the ability to navigate various online learning programs.
- Clinical experiences take place at long-term health care facilities, acute care hospitals, clinics and day care centers
- A grade of C (75 percent) or better is required in all nursing courses to continue in the nursing program. A grade of C- or lower will not be accepted.
- Students not admitted to the nursing program must reapply to be considered for admission the following year.
- Nursing students are expected to meet the Nursing Student Essential Functions as discussed on the nursing web page.
- Documentation and currency of the following is required after acceptance into the nursing program and prior to the start of classes:
 - An acceptable physical examination, and required immunizations and tests.
 - CPR certification (card required) through the American Heart Association (Health Care Provider) or the American Red Cross (Professional Rescuer).
 - Major medical health insurance (card required).
 - An acceptable background check.

A background check is required by health care organizations. Students will be conditionally accepted into WNC's nursing program until their background check information is approved by the clinical sites. Should clinical sites not approve a student, the conditional acceptance will be withdrawn, and the student will not be admitted into the nursing program. Students will be denied entrance into the WNC nursing program if an adverse background check is received from a clinical site.

Drug screening may also be required by clinical sites. Students will be informed of the requirement when necessary.

Students Requesting Re-Admission

Re-admission Policy for the Nursing Program

A student who matriculated into the Western Nevada College nursing program may be readmitted one time following a withdrawal/failure. A written request for an exemption to the policy for such reasons as medical or military concerns will be considered by the Nursing Program Re-admission Committee.

Students are eligible to be considered for re-admission into the nursing program using a point system and on a space available basis.

Students seeking readmission into the nursing program will be required to demonstrate currency of knowledge and skills by passing competency evaluations for selected nursing theory and nursing laboratory courses previously successfully completed. Students may choose the option to repeat those courses, or will be required to repeat those courses if the competency examinations are not successfully passed. A score of 75% or more is required for each theory competency evaluation and a passing grade is required for selected skill competencies, including basic nursing assessment skills.

Students should contact the nursing program administrative assistant for information regarding fees and scheduling of competency evaluations. Students who withdraw from or who failed a course or courses that are related (e.g. NURS 136, 137 and 138) will be required to repeat all courses in the sequence.

Nursing courses taken more than three years prior to reapplication or prior to transfer application will not be accepted and will need to be repeated.

Students seeking readmission or transfer into the nursing program will be required to submit an acceptable background check.

The Nursing Program Readmission Committee will review applications of students who are seeking readmission into the program. The committee acknowledges the responsibility to readmit students, who in the judgment of the committee, satisfy the requirements of scholarship and professional suitability for nursing. The committee reserves the right to deny readmission based on a history of unprofessional conduct which violates the ANA Code of Ethics.

ASSOCIATE OF APPLIED SCIENCE - NURSING

Mission & Outcomes

Mission: The mission of the nursing program at Western Nevada College is to meet the nursing educational needs of the service area. The program prepares qualified students to function as entry-level registered nurses and transfer to higher degree programs. To accomplish this mission, the curriculum incorporates the National League for Nursing core components of nursing practice that are essential to the work of registered nurses. Graduates are prepared to function in a variety of health care settings, providing culturally sensitive, holistic nursing care to individuals and families across the lifespan. The nursing faculty supports graduate competency in an evolving and complex health care environment by facilitating the students' development of clinical judgment, promoting professional behaviors, and fostering lifelong learning.

Student Learning Outcomes: Students who complete an Associate of Applied Science Degree with a major in Nursing will be expected to demonstrate the ability to:

- Integrate knowledge derived from the bio/psycho/social sciences, humanities, and nursing to achieve deliberative and competent decision-making that is grounded in evidence based practice to achieve best practice outcomes
- Utilize therapeutic communication skills when interacting with patients and their families
- Communicate and document accurate information about patients in a concise and clear manner
- Collaborate with patients, families and health care personnel to achieve positive patient outcomes
- Utilize information literacy skills to integrate research findings that guide (or lead to) best practice decisions
- Utilize the nursing process in a competent and caring manner to safely meet the bio/psycho/social/cultural and spiritual needs of patients across the lifespan in a variety of health care settings
- Provide care that reflects the ethical values of nursing within professional practice standards and the legal parameters of the profession
- Apply concepts of cultural awareness, cultural sensitivity and respect for persons when working with diverse populations
- Provide and manage care through the efficient and effective use of human, physical, financial, and technical resources to meet patient needs
- Demonstrate accountability (professionalism) through identification of self-learning needs and continued professional development
- Utilize principles of teaching and learning to meet the bio/psycho/social/cultural/spiritual needs of patients and their families



Technology WELDING

Associate of Applied Science - Technology Degree

The Welding specialization of the AAS Technology degree provides opportunities to practice and prepare for welding certification exams, and allows students to explore other industrial skills that are used in a variety of occupations and businesses.

Salary: \$26,840-\$36,650 / year (Nevada)

Career Outlook: Slower than Average Growth

Good To Know: Certification required for many jobs; Most welding positions will be available in manufacturing facilities that produce or assemble metal parts or products.

WNC Academic Division: Career and Technical Education

Total Requirements: 60 units

Program Requirements		36 Units
DFT 110	Blueprint Reading for Industry	3
WELD 211	Welding I	3
WELD 212	Welding I Practice	2
WELD 221	Welding II	3
WELD 222	Welding II Practice	2
WELD 231	Welding III	3
WELD 232	Welding III Practice	2
WELD 241	Welding IV	3
WELD 242	Welding IV Practice	2
WELD 250	Welding Certification Preparation	1-12

Choose 1-12 units from the following program electives:

AIT 101	Fundamentals of Applied Industrial Technology	4
ET 131	DC for Electronics	4
ELM 143	Wiring Techniques	2
MTT 105	Machine Shop I	3
WELD 151	Metallurgy I	3
WELD 224	Welding Projects	1-6
WELD 290	Internship in Welding	1-4
WELD	Related Welding Courses	1-3

General Education Requirements 24 Units

English/Communications Requirement: *Recommended: BUS 107*

Must include a writing course 6

Human Relations: *Recommended: BUS 110* 3

Humanities/Social Science Requirements 3

Mathematics Requirement: *Recommended: MATH 110* 3

Science Requirement 3

U.S. and Nevada Constitution Requirements 3

General Elective 3

A list of all courses filling general education requirements for the Associate of Applied Science Degree can be found on the Associate of Applied Science page.

WELDING - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
WELD 211	3 <input type="checkbox"/>	WELD 231	3 <input type="checkbox"/>
WELD 212	2 <input type="checkbox"/>	WELD 232	2 <input type="checkbox"/>
English Course		General Elective	3 <input type="checkbox"/>
(BUS 107 Recommended)	3 <input type="checkbox"/>	Humanities/	
Human Relations Course	3 <input type="checkbox"/>	Social Science Course	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	Program Elective	3-5 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
English Course	3 <input type="checkbox"/>	WELD 241	3 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>	WELD 242	2 <input type="checkbox"/>
DFT 110	3 <input type="checkbox"/>	WELD 250	4 <input type="checkbox"/>
Program Elective	1-3 <input type="checkbox"/>	Program Elective	3-5 <input type="checkbox"/>
WELD 221	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
WELD 222	2 <input type="checkbox"/>		

ASSOCIATE OF APPLIED SCIENCE - TECHNOLOGY Mission & Outcomes

Mission: The purpose of the Associate of Applied Science Degree in Technology is to provide employment-related knowledge and skills necessary to succeed in a chosen field of study.

Student Learning Outcomes: Students who complete programs in occupational areas are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the degree.
- Are able to:
 - Communicate effectively and appropriately, in oral and written form.
 - Locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - Acquire skills and perform tasks necessary for employment or career enhancement.
- Have developed:
 - An appreciation of the importance of social, ethical, legal and diversity issues.
 - An appreciation of the need and importance of lifelong learning.

American Welding Society Accreditation

The Andy Butti Welding Technology Center
is the only accredited welding testing facility
in northern Nevada.

TIP: WNC also offers . . .

Certificate of Achievement - Welding Technology • See page 35

Certification Preparation - Welding • See page 39

*Third-party industry-recognized credentials are available to students throughout the program.
A fee is associated with most exams.*



Certificate of Achievement

CAREER DEVELOPMENT

For those desiring a shorter course of study, WNC offers Certificates of Achievement in many occupational areas. Students enrolled in any of these programs will benefit from "hands-on" laboratory experiences within their major field. They will enter the job market with specific skills and knowledge useful for employment and advancement. A minimum of 30 units are required for any certificate of achievement, although the exact number of units required may differ with specific subject matter.

CERTIFICATE OF ACHIEVEMENT - Mission and Outcomes

Mission: The purpose of the Certificate of Achievement is to provide employment-related knowledge and skills.

Student Learning Outcomes: Students who complete a Certificate of Achievement are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the certificate.
- Are able to do the following:
 - Acquire the skills necessary for employment or career enhancement.
 - Successfully represent themselves to a potential employer.
 - Demonstrate effective communication and computational skills appropriate to the certificate area.
 - Utilize appropriate resources for remaining current in the certificate area.
- Have developed an appreciation of the importance of social, ethical, legal and diversity issues.

All certificates include general education requirements which can be fulfilled from the following list of courses. In some cases, courses may not transfer to other Nevada community colleges and Nevada State College or to other colleges and universities. See a WNC counselor for the latest transfer information. Courses with a number under 100 (such as ENG 095) are not applicable toward a Certificate of Achievement at WNC.

REQUIREMENTS: 30 total units chosen from the following categories:

ENGLISH/COMMUNICATIONS REQUIREMENTS - 3-6 units.

Must include a writing course

Business: 107, 108

Communication: 101, 102, 113

Criminal Justice: 103

English

Journalism: 201

Reading

Writing Course (Business 108, English 100, 101, 102, 107 or any other 200 level English class.)

HUMAN RELATIONS REQUIREMENT - 1-3 units.

Anthropology: 101, 201

Business: 110

Counseling and Personal Development: 117, 129

Criminal Justice: 270

Early Childhood Education: 121

Educational Psychology: 150

Human Development & Family Studies: 201, 202

Management: 201, 212, 283

Psychology (except for PSY 210)

Sociology (except for SOC 210)

MATHEMATICS REQUIREMENT - 3 units.

Business: 109

Economics: 261, 262

Mathematics

Psychology: 210

Real Estate: 102

Sociology: 210

Statistics: 152

PROGRAM REQUIREMENTS - Varies by subject.

30 units are required for any certificate of achievement, although the exact number of units required may differ with particular subject matter.

AMERICAN SIGN LANGUAGE

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 units

Program Requirements		18 Units
AM 140*	American Sign Language I/II	6
AM 141**	American Sign Language III/IV	6
AM 151	Fingerspelling I	1
AM 152	Fingerspelling II	1
Any other AM course		4

General Education Requirements 12 Units

English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement	3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

*Students can take AM 145 and AM 146 in lieu of AM 140 for slower paced courses.

**Students can take AM 147 and AM 148 in lieu of AM 141 for slower paced courses.

CERTIFICATE OF ACHIEVEMENT - AMERICAN SIGN LANGUAGE

Mission: The purpose of the American Sign Language certificate is to provide students with the knowledge and skills needed to succeed in their chosen field.

Student Learning Outcomes: Students who complete programs in occupational areas are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the degree.
- Are able to:
 - communicate effectively and appropriately, in oral and written form.
 - locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - acquire skills and perform tasks necessary for employment or career enhancement.

AUTOMOTIVE MECHANICS

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 31 units

Program Requirements		19 Units
AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 145	Automotive Brakes	4
AUTO 155	Steering & Suspension	4
AUTO 225	Engine Performance I/Fuel & Ignition	4

General Education Requirements 12 Units

English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement: <i>Recommended: BUS 110</i>	1
Mathematics Requirement	3
General Electives	2

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

CERTIFICATE OF ACHIEVEMENT - AUTOMOTIVE MECHANICS

Mission: The purpose of the Automotive Mechanics certificate is to provide students with the knowledge and skills needed to succeed in their chosen field.

Student Learning Outcomes: Students who complete programs in occupational areas are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the degree.
- Are able to:
 - communicate effectively and appropriately, in oral and written form.
 - locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - acquire skills and perform tasks necessary for employment or career enhancement.

Automotive Technology National Certification

Following an extensive examination of its courses, instructors and facilities, Western has earned a certification from the National Automotive Technicians Education Foundation (NATEF).

*Third-party industry-recognized credentials are available to students throughout the program.
A fee is associated with most exams.*



BOOKKEEPING

Certificate of Achievement

The Bookkeeping Certificate of Achievement is designed for students who wish to enter the accounting profession as an accounting clerk or as an entry level bookkeeper. It allows students to obtain credit for courses that will also apply toward the Associate of Applied Science in Business-Accounting.

WNC Academic Division: Career and Technical Education

Total Requirements: 30

Program Requirements		21 Units
ACC 135	Bookkeeping I	3
ACC 201	Financial Accounting	3
BUS 101	Introduction to Business	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	3
MGT 201	Principles of Management	3

Choose 6 units from the following:

ACC 180	Payroll & Employee Benefit Accounting	3
ACC 202	Managerial Accounting	3
ACC 203	Intermediate Accounting I	3
ACC 220	Microcomputer Accounting Systems	3
ACC 223	Introduction to QuickBooks	3
ACC 290	Certified Bookkeeper Course	6

General Education Requirements 9 Units

English/Communications Requirements: *Recommended: BUS 107, BUS 108;*

Must include a writing course 6

Mathematics Requirement 3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

BOOKKEEPING - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 135	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 108 or Eng/Comm	3 <input type="checkbox"/>
BUS 107 or Eng/Comm	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
BUS 109 or MATH 120	3 <input type="checkbox"/>	Bookkeeping Elective	6 <input type="checkbox"/>
IS 101 or IS 102	3 <input type="checkbox"/>		

BUSINESS

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 units

Program Requirements		21 Units
ACC 135	Bookkeeping I	3
or ACC 201	Financial Accounting	
BUS 101	Introduction to Business	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MKT 210	Marketing Principles	3
MGT 201	Principles of Management	3

Business Electives 6 Units

Any Accounting, Business, Economics, Entrepreneurship, Finance, Management Marketing or Real Estate Courses

General Education Requirements 9 Units

English/Communications Requirements: *Recommended: BUS 107 and BUS 108,*

or ENG 101 and ENG 102, must be a writing course 6

Mathematics Requirement 3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

BUSINESS - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 135 or ACC 201	3 <input type="checkbox"/>	BUS 108 or ENG 102	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 109 or MATH 120	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
Business Elective	3 <input type="checkbox"/>	Business Elective	3 <input type="checkbox"/>

CERTIFICATE OF ACHIEVEMENT-BUSINESS/BOOKKEEPING - Mission & Outcomes

Mission: The purpose of the Certificate in Business and the Certificate in Bookkeeping is to provide the knowledge, skills and abilities necessary to succeed in business.

Student Learning Outcomes: Students who complete programs in occupational areas are expected to demonstrate that they:

- Know the subject matter appropriate to the emphasis of the degree.
- Are able to:
 - communicate effectively and appropriately, in oral and written form.
 - locate, evaluate and properly utilize the tools and resources appropriate to a technology professional.
 - acquire skills and perform tasks necessary for employment or career enhancement.
- Have developed:
 - an appreciation of the importance of social, ethical, legal and diversity issues.
 - an appreciation of the need and importance of lifelong learning.

COMPUTER TECHNOLOGY

Network Support Technician Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 33 – 35 units

Program Requirements		26 Units
CIT 161	Essentials of Information Security	3
CIT 263	Introduction To IT Project Management	3
CSCO 120	CCNA Interworking Fundamentals	4
CSCO 121	CCNA Routing Protocols & Concepts	4
CSCO 130	Fundamentals of Wireless LANs	4
CSCO 220	CCNA LAN Switching & Wireless Fundamentals	4
CSCO 221	CCNA WAN Fundamentals	4

General Education Requirements 7–9 Units

English/Communications Requirements: <i>Must include a writing course</i>	3
Human Relations Requirement	1–3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

COMPUTER TECHNOLOGY - NETWORK SUPPORT TECHNICIAN Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
CIT 263	3 <input type="checkbox"/>	CIT 161	3 <input type="checkbox"/>
CSCO 120	4 <input type="checkbox"/>	CSCO 130	4 <input type="checkbox"/>
CSCO 121	4 <input type="checkbox"/>	CSCO 220	4 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	CSCO 221	4 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>	Human Relations Course	1–3 <input type="checkbox"/>

CERTIFICATE OF ACHIEVEMENT - COMPUTER TECHNOLOGY NETWORK TECHNICIAN - Mission & Outcomes

Mission: The purpose of the Network Support Technician certificate is to provide students with the knowledge and skills needed to succeed in their chosen careers.

Student Learning Outcomes: Students in the Computer Technology Certificate programs are expected to:

Know:

- The competencies required to successfully pass information technology certification exams.

Are able to:

- Demonstrate the skills and competencies required of professionals in the information technology industry in real-world practice.
- Communicate effectively and appropriately, in oral and written form, with employees, colleagues and lay people.
- Locate, evaluate and properly utilize the tools and resources appropriate to an information technology professional.

Appreciate:

- The need for continuing education and lifelong learning.

COMPUTER TECHNOLOGY

System Administration Technician Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 33 – 35 units

Program Requirements		26 Units
CIT 161	Essentials of Information Security	3
CIT 211	Microsoft Networking I	4
CIT 212	Microsoft Networking II	4
CIT 213	Microsoft Networking III	4
CIT 214	Microsoft Networking IV	4
CIT 215	Microsoft Networking V	4
or CIT 165	Introduction to Convergence	
or ET 155	Home Technology Convergence	
CIT 263	Introduction to IT Project Management	3

General Education Requirements 7–9 Units

English/Communications Requirements: <i>Must include a writing course</i>	3
Human Relations Requirement	1–3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

COMPUTER TECHNOLOGY - SYSTEM ADMINISTRATION TECHNICIAN Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
CIT 211	4 <input type="checkbox"/>	CIT 161	3 <input type="checkbox"/>
CIT 212	4 <input type="checkbox"/>	CIT 213	4 <input type="checkbox"/>
CIT 263	3 <input type="checkbox"/>	CIT 214	4 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	CIT 215, CIT 165, or ET 155	4 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>	Human Relations Course	1–3 <input type="checkbox"/>

CERTIFICATE OF ACHIEVEMENT - COMPUTER TECHNOLOGY SYSTEM ADMINISTRATION TECHNICIAN - Mission & Outcomes

Mission: The purpose of the System Administration Technician certificate is to provide students with the knowledge and skills needed to succeed in their chosen careers.

Student Learning Outcomes: Students in the Computer Technology Certificate programs are expected to:

Know:

- The competencies required to successfully pass information technology certification exams

Are able to:

- Demonstrate the skills and competencies required of professionals in the information technology industry in real-world practice
- Communicate effectively and appropriately, in oral and written form, with employees, colleagues and lay people
- Locate, evaluate and properly utilize the tools and resources appropriate to an information technology professional

Appreciate:

- The need for continuing education and lifelong learning



CRIMINAL JUSTICE

General Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 Units

Program Requirements		24 Units
CRJ 101	Introduction to Criminal Justice I	3
CRJ 102	Introduction to Criminal Justice II	3
CRJ 103	Communication Within the Criminal Justice Field	3
CRJ 164	Principles of Investigation	3
CRJ 106 or	Introduction to Corrections	3
CRJ 211	Police in America	3
CRJ 222	Criminal Law and Procedures	3
CRJ 225	Criminal Evidence	3
CRJ 270	Introduction to Criminology	3

General Education Requirements 6 Units

English/Communications Requirements: *Must include writing course* 3

Mathematics Requirement 3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

CRIMINAL JUSTICE -GENERAL Suggested Course Sequence			
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
CRJ 101	3 <input type="checkbox"/>	CRJ 102	3 <input type="checkbox"/>
CRJ 103	3 <input type="checkbox"/>	CRJ 106 or CRJ 211	3 <input type="checkbox"/>
CRJ 222	3 <input type="checkbox"/>	CRJ 225	3 <input type="checkbox"/>
CRJ 164	3 <input type="checkbox"/>	CRJ 270	3 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	Mathematics Course	3 <input type="checkbox"/>

CERTIFICATE OF ACHIEVEMENT - CRIMINAL JUSTICE

Mission & Outcomes

Mission: To prepare students for a career in Law Enforcement..

Student Learning Outcomes: Students who complete the Certificate of Achievement in Criminal Justice are expected to demonstrate that they can

- Maintain proper professional attitude for law enforcement
- Articulate the legal requirements of search and seizure
- Recognize and evaluate criminal law
- Process crime scenes
- Analyze theories for committing crimes
- Maintain vocabulary necessary for criminal justice
- Have an acute awareness of cultural diversity
- Maintain crime scenes

EARLY CHILDHOOD EDUCATION

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 credits

Subject Requirements		21 Units
ECE 121	Parent Care Relations	1
ECE 122	Observation Skills	1
ECE 129	Environment for Infant & Toddler	1
ECE 204	Principles of Child Guidance	3
ECE 231	Preschool Practicum: Early Childhood Lab	3
ECE 250	Introduction to Early Childhood Education	3
ECE 251	Curriculum in Early Childhood Education	3
HDFS 201	Life Span Human Development	3
Choose 1-3 credits from related courses in any of the following subject areas: Early Childhood Education, Psychology, Human Development & Family Studies		3

General Education Requirements 9 Units

English/Communications Requirements: Recommended: BUS 108;

Must include a writing course 6

Mathematics Requirement: Recommended: BUS 109 3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

CERTIFICATE OF ACHIEVEMENT - EARLY CHILDHOOD EDUCATION

Mission & Outcomes

Mission: The Early Childhood Education Certificate of Achievement will provide the academic knowledge and skills for employment in a variety of child care settings.

Student Learning Outcomes: Upon completion of the Early Childhood Education certificate program, the student will be able to:

- Recognize and organize a physical environment that supports age appropriate development in young children.
- Plan and implement activities that meet the psychosocial, physical and cognitive needs of children in a child care setting.
- Develop strategies for maintaining a safe and healthy child care environment.

GENERAL INDUSTRIAL TECHNOLOGY

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 credits

Subject Requirements 18 Units

AIT 101	Fundamentals of Applied Industrial Technology	4
Any MTT courses		5
Any WELD courses		5
Choose at least four units from AIT, ELM, ET, ENRG, IT, MTT, MT, WELD		4

General Education Requirements 12 Units

English/Communications Requirements:	
Recommended: BUS 107, and BUS 108, ENG 101 or ENG 107	
Must include a writing course	6
Human Relations Requirement: Recommended: BUS 110	3
Mathematics Requirement: Recommended: MATH 110	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

GRAPHIC COMMUNICATIONS

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 units

Program Requirements 21 Units

ART 100	Visual Foundations	3
GRC 103	Intro to Computer Graphics	3
GRC 109	Color and Design	3
GRC 144	Electronic Layout and Typography	3
GRC 156	Computer Illustration I	3
GRC 175	Web Design and Publishing I	3
GRC 183	Electronic Imaging	3

General Education Requirements 9 Units

English/Communications Requirements: <i>writing course required</i>	3
Human Relations Requirement: <i>PSY or SOC recommended</i>	3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

CERTIFICATE OF ACHIEVEMENT - GRAPHIC COMMUNICATIONS

Mission & Outcomes

Mission: The purpose of the Graphic Communications Certificate of Achievement is to provide basic knowledge and skills necessary to enter the graphic communications field.

Student Learning Outcomes: Graphic Communications certificate program graduates should acquire basic skills and perform tasks necessary for employment or career enhancement.



INDUSTRIAL ELECTRONICS TECHNOLOGY

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 credits

Subject Requirements 18 Units

AIT 101	Fundamentals of Applied Industrial Technology	4
ET 104	Fabrication/Soldering	3
ET 131	DC for Electronics	4
MT 115	Programmable Logic Controllers	3

Choose at least four units from:

AIT 121	Electrical Control Systems	2
AIT 155	Applied Industrial Technology Hands-on Labs	1-4
AIT 198	Special Topics in Electronics	1-4
AIT 200	Electronics Projects	1-4
ET 132	AC for Electronics	4
ET 198	Special Topics in Electronics	1-4
ET 200	Electronics Projects	1-4

General Education Requirements

12 Units

English/Communications Requirements:

Recommended: BUS 107, and BUS 108, ENG 101 or ENG 107

Must include a writing course

6

Human Relations Requirement: Recommended: BUS 110

3

Mathematics Requirement: Recommended: MATH 110

3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

MACHINE TOOL TECHNOLOGY

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 units

Program Requirements

20 Units

DFT 110	Blueprint Reading For Industry	3
or CONS 120	Blueprint Reading and Specification	
MTT 105	Machine Shop I	3
MTT 106	Machine Shop Practice I	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop Practice II	2
MTT 230	Computer Numerical Control I	4
Related machine shop courses		3

General Education Requirements

10 Units

English/Communications Requirements: *Recommended: BUS 108;*

Must include a writing course

6

Human Relations Requirement

1

Mathematics Requirement: *MATH 110 recommended*

3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

CERTIFICATE OF ACHIEVEMENT - MACHINE TOOL TECHNOLOGY

Mission & Outcomes

Mission: The mission of the Certificate of Achievement in Machine Tool Technology is to provide the student with the skills and knowledge to succeed in the machining industry.

Student Learning Outcomes: Students who complete an Certificate of Achievement in Machine Tool Technology are expected to:

- Know the subject matter appropriate to the Certificate of Achievement in Machine Tool Technology
- Use skills and knowledge needed for acquiring employment
- Have the confidence needed for seeking employment



WELDING TECHNOLOGY

Certificate of Achievement

WNC Academic Division: Career and Technical Education

Total Requirements: 30 units

Program Requirements		18 Units
WELD 211	Welding I	3
WELD 212	Welding I Practice	2
WELD 221	Welding II	3
WELD 222	Welding II Practice	2
WELD 250	Welding Certification Preparation	6
Welding Elective		2

General Education Requirements

		12 Units
English/Communications Requirements: <i>Must include a writing course</i>		6
Human Relations Requirement: <i>Recommended: BUS 110</i>		3
Mathematics Requirement		3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.



Certification & Licensing Preparation

SKILL DEVELOPMENT

Certification and licensing preparation programs are designed to prepare students to take state or other certified licensing exams. While these courses are designed to prepare students to take a licensing exam, the completion of these courses does not include the actual licensing exam, and successful completion of the courses does not guarantee receiving the license or certification. **Upon successful course completion (with a grade of C or better), WNC will issue a certificate of completion for the following courses of study, unless otherwise noted.**

ALLIED HEALTH

Certified Nursing Assistant

A certified nursing assistant class is offered through the Division of Nursing and Allied Health. The college offers NURS 130 - Nursing Assistant, a six-unit class that prepares students to take the Nevada licensing exam for certification as a nursing assistant.

A Certified Nursing Assistant is an individual who, under the direction of a licensed nurse, typically provides basic nursing care for patients in long-term and acute care facilities. CNAs are educated to assist patients with activities of daily living such as bathing, feeding and dressing, and to help maintain a safe and protective care environment. As they have extensive daily contact with patients, CNAs also play a key role in communicating information/observations to the nurse.

Emergency Medical Services

Emergency Medical Services courses are offered through the Division of Nursing and Allied Health. They include: EMS 100 - Healthcare Provider CPR, EMS 113 - First Responder, EMS 108 - EMT Basic, and EMS 112 - EMT enhanced (Intermediate). EMS courses are offered in a sequential series to prepare individuals with the knowledge and skills to assess and care for patients in an emergency or in an out-of-hospital setting. Completion of selected courses is designed to prepare students to take the National Registry Examination for EMT-Basic and the appropriate Nevada EMS certification examination for EMT Enhanced (Intermediate).

EMS 108 and EMS 112 are designed to meet the National Standard Curriculum published by the United States Department of Transportation, National Highway Traffic Safety Administration.

A background check may be required by some clinical sites prior to the start of clinical experiences. Information about how to meet this requirement will be explained by the course instructor. Drug screening may be required by health care organizations. See the Nursing & Allied Health web site for the process and procedures to follow.

Information 775-445-3296

Laboratory Technician-Phlebotomy

Phlebotomy classes (LTE 101 and LTE 102), which are offered through the Division of Nursing and Allied Health, are listed in the class schedule under the Laboratory Technician heading. These courses provide students with knowledge and skills necessary to perform the collection, identification, and preservation of specimens as applied to venipuncture techniques.

Phlebotomists are trained to collect blood specimens by safely performing skin puncture or venipuncture procedures on patients of all ages. They are required to adhere to strict policies and safety precautions designed to provide patient protection and comfort, and to assure safe handling of specimens throughout the collection process.

NOTE: These courses have mandatory prerequisites. See the Nursing & Allied Health web pages for prerequisite information, and for required immunizations, tests, major medical insurance, and CPR certification. This information must be provided to the Nursing & Allied Health Office before permission to enroll in the course is granted. Information regarding how to submit prerequisite information required to qualify for enrollment into these courses is available on the Nursing & Allied Health web pages. Students are eligible to register after all required prerequisite information is received by the Nursing & Allied Health Office.



AUTOMOTIVE TECHNOLOGY

Prepares students for Automotive Service Excellence Exams. UNITS

Brakes Technician

AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 145	Automotive Brakes	4

Electrical Technician

AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 117	Advanced Auto Electronics	4

Steering and Suspension Technician

AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 155	Steering & Suspension	4

Engine Performance Technician

AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 225	Engine Performance I/Fuel & Ignition	4

BOOKKEEPING

ACC 290	Certified Bookkeeper Course	6
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This course of study is for working professionals and students who wish to advance their career in the bookkeeping profession. Upon successful completion, students will be able to sit for a nationally administered exam given by the American Institute of Professional Bookkeepers. Once a student passes this exam and obtains two years of bookkeeping experience, individuals earn the right to call themselves "Certified Bookkeepers." To maintain certification, individuals are required to obtain 60 hours of continuing education over a three-year period. *Note: WNC does not issue a certificate of completion for this course.*



CISCO TECHNOLOGY (CSCO)

Western Nevada College is an academy for the Cisco Networking Academy Program, offering programs leading to Cisco Certified Network Associate (CCNA) and Cisco Certified Network Special (CCNP) industry certification. These courses help prepare students for a career working with Cisco networking hardware and equipment.

UNITS

CCNA Routing and Switching Preparation

CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing Protocols and Concepts	4
CSCO 220	CCNA LAN Switching and Wireless Fundamentals	4
CSCO 221	CCNA WAN Fundamentals	4

CCNA Security Preparation (for Cisco and Comp TIA Security+ Exams)

CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing Protocols and Concepts	4
CSCO 230	Fundamentals of Network Security	4

CCNA Wireless Preparation

CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing Protocols and Concepts	4
CSCO 130	Fundamentals of Wireless LANs	4

Course for Building Scalable Cisco Internetworks Exam; required course to become a Cisco Certified Network Specialist:

CSCO 280*	CCNP Advanced Routing	4
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Course for Implementing Secure Covered Wide Area Networks Exams; required course to become a Cisco Certified Network Specialist:

CSCO 281*	CCNP Implementing Secure Covered Wide Area Networks	4
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Course for Multilayer Switching Exams; required course to become a Cisco Certified Network Specialist:

CSCO 282*	CCNP Multilayer Switching	4
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* Note: WNC does not issue a certificate of completion for this course.

For additional information, contact:

CISCO Technology, Technology Division

Reynolds Center for Technology 112A, 2201 West College Parkway

CompTIA SECURITY+

CompTIA Security+ is an international, vendor-neutral certification that demonstrates competency in: network security; compliance and operational security; threats and vulnerabilities; application, data and host security; access control and identity management; and cryptography. *Note: WNC does not issue a certificate of completion for this course.*

UNITS

CIT 161	Essentials of Information Security	3
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Online class that provides students an introduction to practical network and computer security, and helps prepare for the Security+ exam.

CONSTRUCTION TECHNOLOGY

Certified Inspector of Structures - State of Nevada

These courses fulfill the minimum course requirements needed for licensure as a certified inspector of Structures-Residential.

		UNITS
CONS 260	Certified Inspector of Structures-Residential	3
CONS 261	Under Floor Inspections-Certified Inspector	1
CONS 262	Above Floor Inspections-Certified Inspector	2
CONS 263	Supervised Residential Inspections for Certification	4

Ramsdell Construction Academy

These courses fulfill the requirements for WNC's Ramsdell Construction Academy certificate of completion, which follows the National Center for Construction Education and Research (NCCER) Contren Learning Series curriculum. Classes will prepare students for entry level positions in the construction industry. This certificate of completion is also available to high school seniors through Jump Start CTE.

		UNITS
CEM 100	Fundamentals of Construction Management	3
CONS 108	Construction Methods/Materials I	4
CONS 109	Construction Methods/Materials II	4
CONS 205	Construction Safety	2
CONS 290	Internship in Construction	3
CONS 111	Commercial Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 120	Blueprint Reading and Specification	3

Construction Craft Laborer

These courses prepare students for the National Center for Construction Education and Research (NCCER) Construction Craft Laborer credential, which certifies that individuals possess basic knowledge needed on any job site.

		UNITS
CEM 100	Fundamentals of Construction Management	3
CONS 108	Construction Methods/Materials I	4
CONS 205	Construction Safety	2



DEAF STUDIES-INTERPRETING

This course of study prepares students to take the Educational Interpreter Performance Assessment or the National Interpreter Certification Exam. Upon successful completion, students will be better qualified for a variety of careers including teaching, social work, psychology, speech and language pathology or any career that interacts with the Deaf.

FIRST SEMESTER		UNITS
AM 149	American Sign Language V	4
AM 201	Interpreting I	3
AM 215	Conversational American Sign Language	4

SECOND SEMESTER		UNITS
AM 150	American Sign Language VI	4
AM 202	Interpreting II	3
AM 216	Receptive American Sign Language	4

THIRD SEMESTER		UNITS
AM 203	Interpreting III	3

INDUSTRIAL ELECTRONICS TECHNOLOGY

This course of study prepares students for the Certified Electronics Technician-Associate Exam, which is administered by the International Society of Certified Electronics Technicians (ISCET). Upon completion of the coursework student will have learned basic electronics, math, DC and AC circuits, transistors and troubleshooting.

ET 131	DC for Electronics	4
ET 132	AC for Electronics	4
AIT 101	Fundamentals of Applied Industrial Technology	4

MACHINE TOOL TECHNOLOGY

The National Institute for Metalworking Skills (NIMS) offers various levels of certification in machining. Upon completion of the following courses of study, students will be prepared to test for exam Level 1 and 3.

Level 1: Chucking, Surface Grinding and Milling

MTT 105	Machine Shop I	3
MTT 110	Machine Shop II	3
MTT 250	Machine Shop III	3

Level 3: Measurement

MTT 230	Computer Numerical Control I	4
MTT 232	Computer Numerical Control II	4
MTT 260	Machine Shop IV	3

MANUFACTURING TECHNICIAN

The Manufacturing Skills Institute offers certification for industry-wide skills for production occupations in all sectors of manufacturing. Upon completion of the following courses of study, students will be prepared to test for the Manufacturing Technician I credential assessment.

		UNITS
AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 155	Applied Industrial Technology Hands-on Labs	3
AIT 200	Applied Industrial Technology Projects	3

Endorsed by
 ___ National Association of Manufacturers ___
 for entry-level workers and experienced
 technicians alike.

MECHATRONICS FOUNDATION

Mechatronics Systems are complex electrical, mechanical and computer technologies integrated into automated systems in every high-tech industry. This program of study prepares students to earn the Siemens Certified Mechatronic Systems Assistant Level 1 Certification.

AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 250	Mechatronics: Electrical Components	3
AIT 251	Mechatronics: Mechanical Components	3
AIT 252	Mechatronics: Pneumatic and Hydraulic	3
AIT 253	Mechatronics: Programmable Logic Controllers	3

MICROSOFT CERTIFICATION

Distinguishes individuals with technical expertise, and WNC offers classes that can help prepare students to take the exams. Coursework and hands-on lab exercises are designed to expose students to the theory and operation of the exam objectives, while a student's own background and experience will determine what additional preparation and practice are needed to pass the exam.

Microsoft Certified Technology Specialist (MCTS) - Certification proves skills on a particular Microsoft technology, such as a Windows operating system. Prepares student for:

CIT 211	Microsoft Certification Technology Specialist (MCTS) Windows Client Exam (currently Windows 7)
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Microsoft Certified IT Professional-Server Administrator

Certification proves a range of skills and abilities with Microsoft technologies. Prepares student for the Microsoft Certified Solutions Associate Exam.

CIT 212	Microsoft Networking II	3-5
CIT 213	Microsoft Networking III	3-5
CIT 214	Microsoft Networking IV	3-5

REAL ESTATE

WNC offers courses to prepare students for licensure by the Nevada Real Estate Division.

		UNITS
RE 101	Real Estate Principles	3
RE 103	Real Estate Principles II	3

TEACHER EDUCATION - Nevada State College Partnership

Bachelor of Arts in Elementary Education - Transfer Program

WNC students who have an Associate of Arts degree or are close to completing the first two years of college, can complete a four-year degree without leaving the northern Nevada area. Students can transfer to NSC and take classes at WNC locations and online to earn a bachelor's degree and certification in Elementary Education, K-8.

- Program requires classroom observation, as well as 16 weeks of student teaching.
- Upon graduation, students are eligible for the Nevada State Department of Education licensure.
- Teaching English as a Second Language courses are included in the program. Coursework leads to a Nevada State Department of Education endorsement.

Information 775-445-4299

WELDING

Students are introduced to the many welding certifications available by meeting the standards of the American Welding Society codes. Includes instruction on code certification required by the American Petroleum Institute and the American Society of Mechanical Engineers.

Shielded Metal Arc-Welding and Gas Metal Arc-Welding

		UNITS
WELD 211	Welding I	3
WELD 212	Welding I-Practice	2
WELD 221	Welding II	3
WELD 222	Welding II-Practice	2

Fluxed-Core Welding and Gas Tungston Arc-Welding

WELD 231	Welding III	3
WELD 232	Welding III-Practice	2
WELD 241	Welding IV	3
WELD 242	Welding IV-Practice	2

AWS Code Exam

WELD 250	Welding Certification Preparation	9
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Information 775-445-3348



Special Programs

ECONOMIC DEVELOPMENT & CONTINUING EDUCATION

The college offers a number of non-credit programs and services through its Economic Development & Continuing Education Division to educate WNC students, graduates, employers and the general public. Register/View classes at: www.campusce.net/wnc

Community Education

Community Education offers non-credit, self-supporting, classes that enrich the cultural, social and recreational life of the community. These may include special interest courses, field trips and workshops.

The department also sponsors College for Kids, an educational enrichment program to challenge youth and offer learning experiences.

Carson City and Douglas 775-445-4268
Fallon & Rural Centers 775-423-7565
www.wnc.edu/continuing-education/

Economic Development Center

The Economic Development Center of Western Nevada College provides educational opportunities and training solutions for business, industries and government or non-profit agencies. Assessment, instruction and evaluation are essential components of WNC's programs. Topics include supervisory training, industrial safety, hospitality and customer service. Education and training for credit or non-credit can be delivered on-site or at WNC locations.

Carson & Douglas 775-445-4458
Fallon 775-423-5847
www.wnc.edu/continuing-education/economic-development/

Driver Education

New drivers can prepare for the challenges of driving (and driver license testing) in the Western Nevada College Driver Education Program. The non-credit course meets for 30 hours of classroom training and is open to students age 15 and over.

Information 775-445-4458
www.wnc.edu/continuing-education/

Motorcycle Safety

The Motorcycle Safety program offers Basic Rider, Experienced Rider and Advanced Rider courses using curriculum from the Motorcycle Safety Foundation. Students who successfully complete the Basic Rider course receive certification which allows them to receive a Class M endorsement from the Nevada Department of Motor Vehicles. Experienced Rider and Advanced Rider courses are for riders who are looking to refresh or further develop their skills. The program operates April through October, and is open to those possessing a Class C permit or license.

Information 775-445-4268
www.wnc.edu/continuing-education/

Specialty Crop Institute

The Specialty Crop Institute helps foster sustainable small farm agriculture. This innovative program combines classroom and on-farm learning for specialty crop production, outreach to remote and rural farmers, and collaboration with like-minded organizations to provide growers access to resources that increase their chances of success. Diverse short-term seminars and conferences are offered in numerous Nevada communities throughout the year.

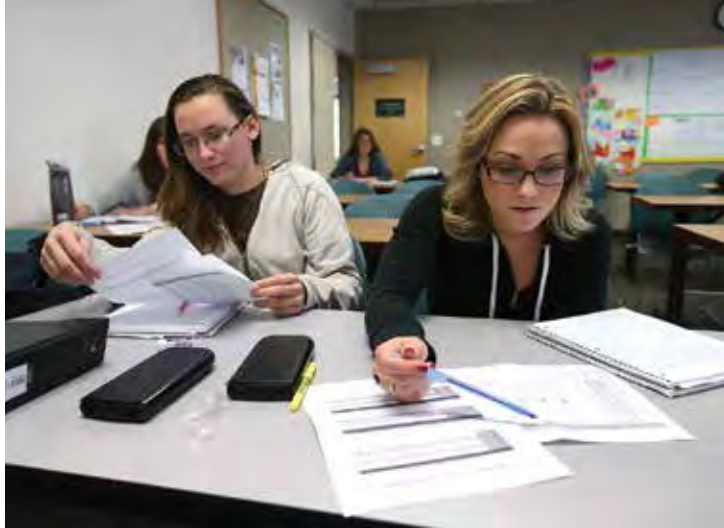
Information 775-423-7565, ext 2260
E-mail ann.louhela@wnc.edu
www.wnc.edu/specialty-crop-institute/



Take 15 credits each semester to graduate on time, save money, and start your career sooner.

Taking 12 credits each semester may qualify you as a full-time student for financial aid but that course load will not allow you to finish your degree in two or four years.

Meet with your academic advisor.



Tip

MANAGE YOUR TIME WISELY...

A 3-credit/unit class requires three hours of in-class time per week (a 4-credit/unit class requires four hours in class per week). For every one hour you spend in class, you should set aside a minimum of two extra hours of study time outside of class (to do the reading, study for tests, etc).

If I take ____ credits/units, then I should expect to spend ____ x 3 = ____ hours per week in class & studying.

Add this number of hours to the number of hours you are working, eating, sleeping, exercising, and socializing...do you have enough hours in the week?

FRONT COVER- (Top) Professor Emily Howarth discusses electronics with students; CNA class; Jose Quintero in Fallon Business class.

FRONT INSIDE COVER- Page 1: (Top-Bottom) Machine Tool instrument panel; students in English class; (left to right) Takota Stewart, Sarah Robbins & Halee Gahr from Silver State High School learn about industrial technology; Timothy Hoover & Natale Young in a physics class.

Page 2: Students in lobby area of Student Services, Carson Campus.

Page 3: (Top-Bottom) Lindsay Moore; Silver State recipients; Fallon welding class.

BACK INSIDE COVER- (Top-Bottom) Douglas students in a math class; (left to right) Tyler Stammer, Lisa Stokes, Mendy Southard practice in a EMT class on James Montgomery.

BACK COVER- (Top-Bottom) Professor Winnie Kortemeier and student Dalila Duarte; marketing class at Adams Hub; James Bathgate in a soldering class.

WE HELP MAKE YOUR TRANSITION TO COLLEGE EASIER

Tip

STEPS ALONG THE WAY...

Choose the items below • *You may not need all of these*

- ☐ See a counselor
- ☐ Develop an educational plan
- ☐ Visit the Student Center at WNC Carson
- ☐ Pick-up a free planner & an ID card
- ☐ Sign up for a Fitness Center membership in the Student Center
- ☐ Apply early for financial aid - www.wnc.edu/studentservices/financial
- ☐ Apply for scholarships - www.wnc.edu/studentservices/financial
- ☐ Arrange for child care, if needed
- ☐ Join a student club or organization
- ☐ Visit the Veterans Resource Center
- ☐ Use the library for study and research
- ☐ Visit the Academic Skills Center for FREE tutoring



INFORMATION

775-445-3000 • www.wnc.edu